

FIG. 1

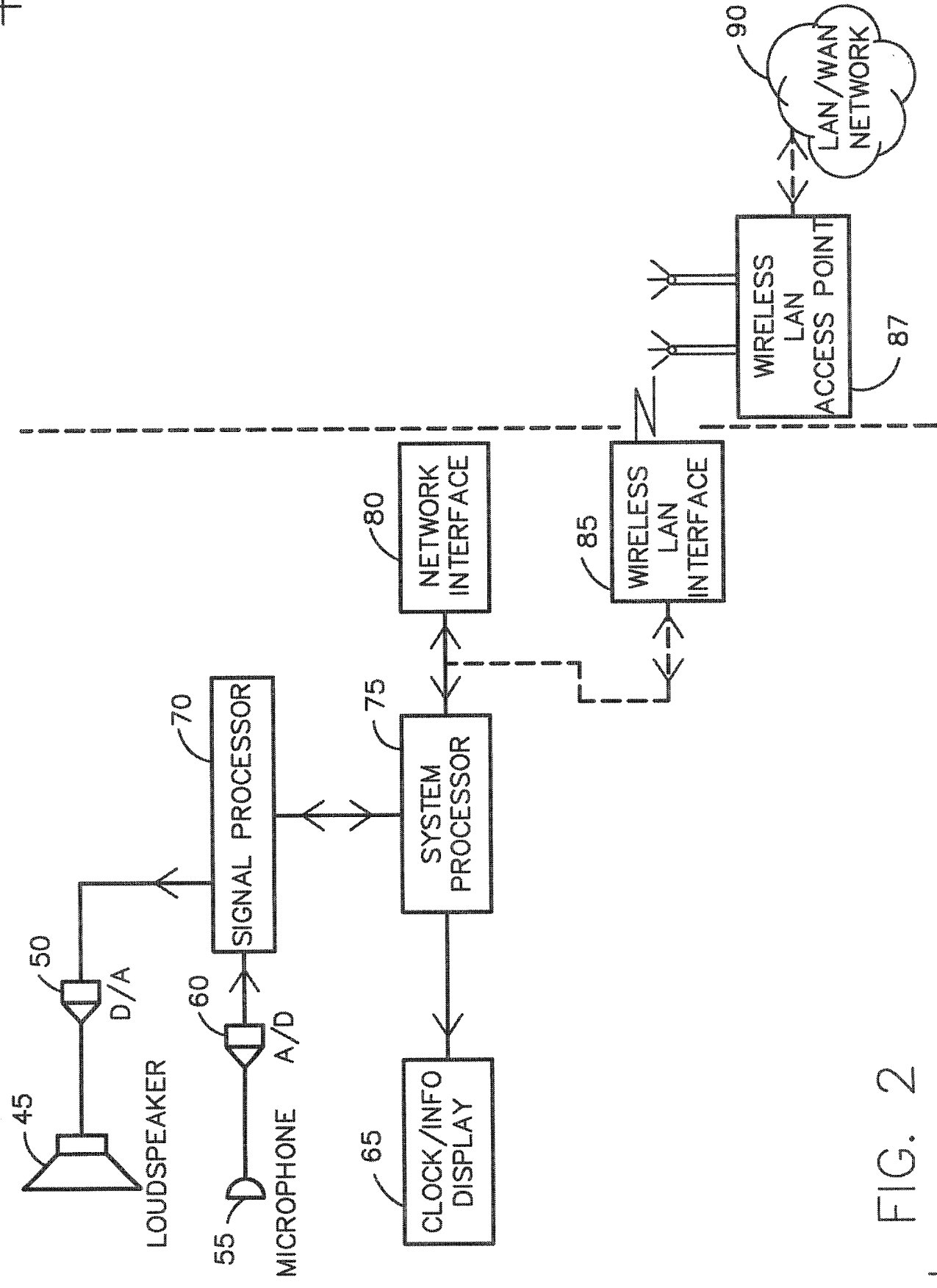


FIG. 2

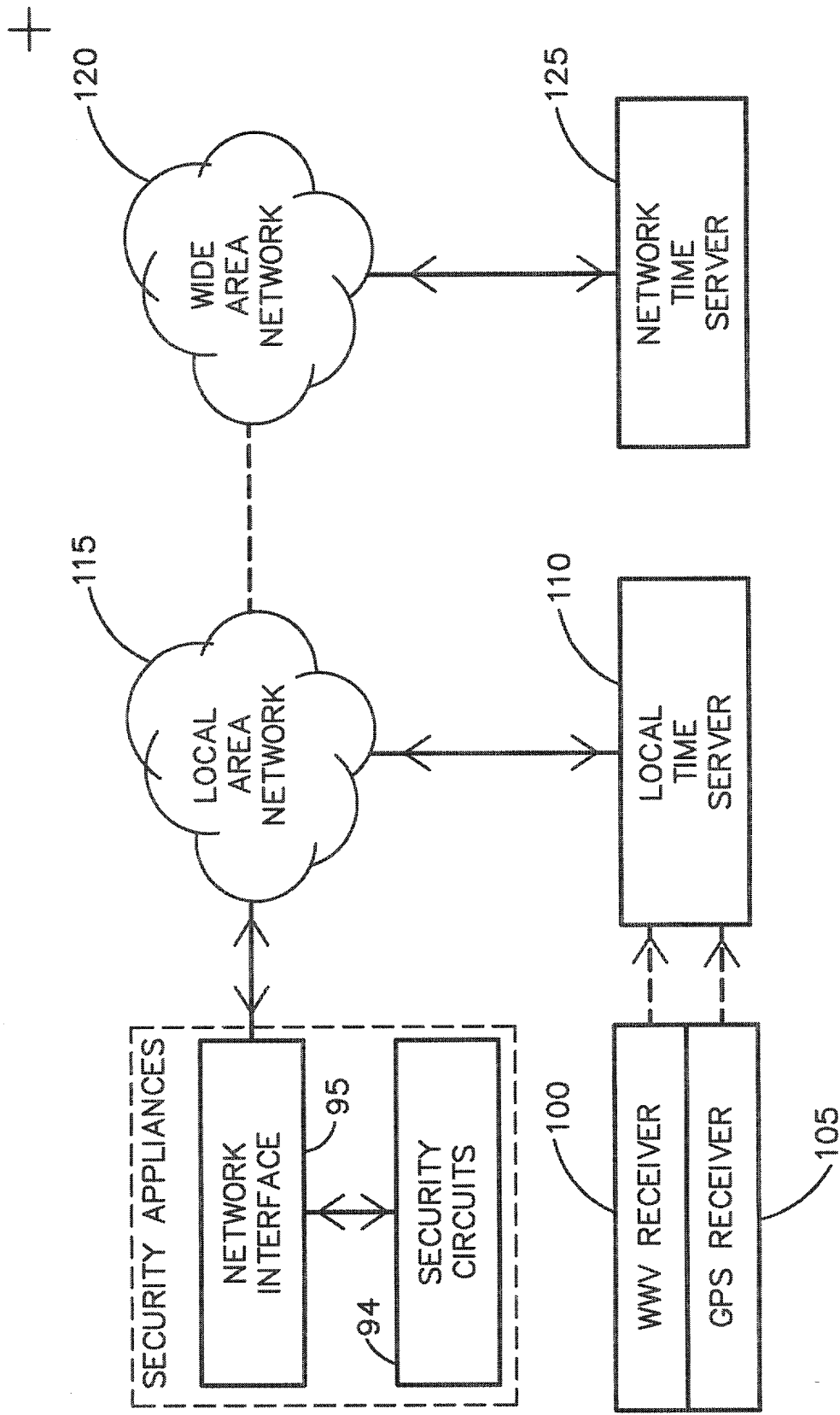


FIG. 3

+

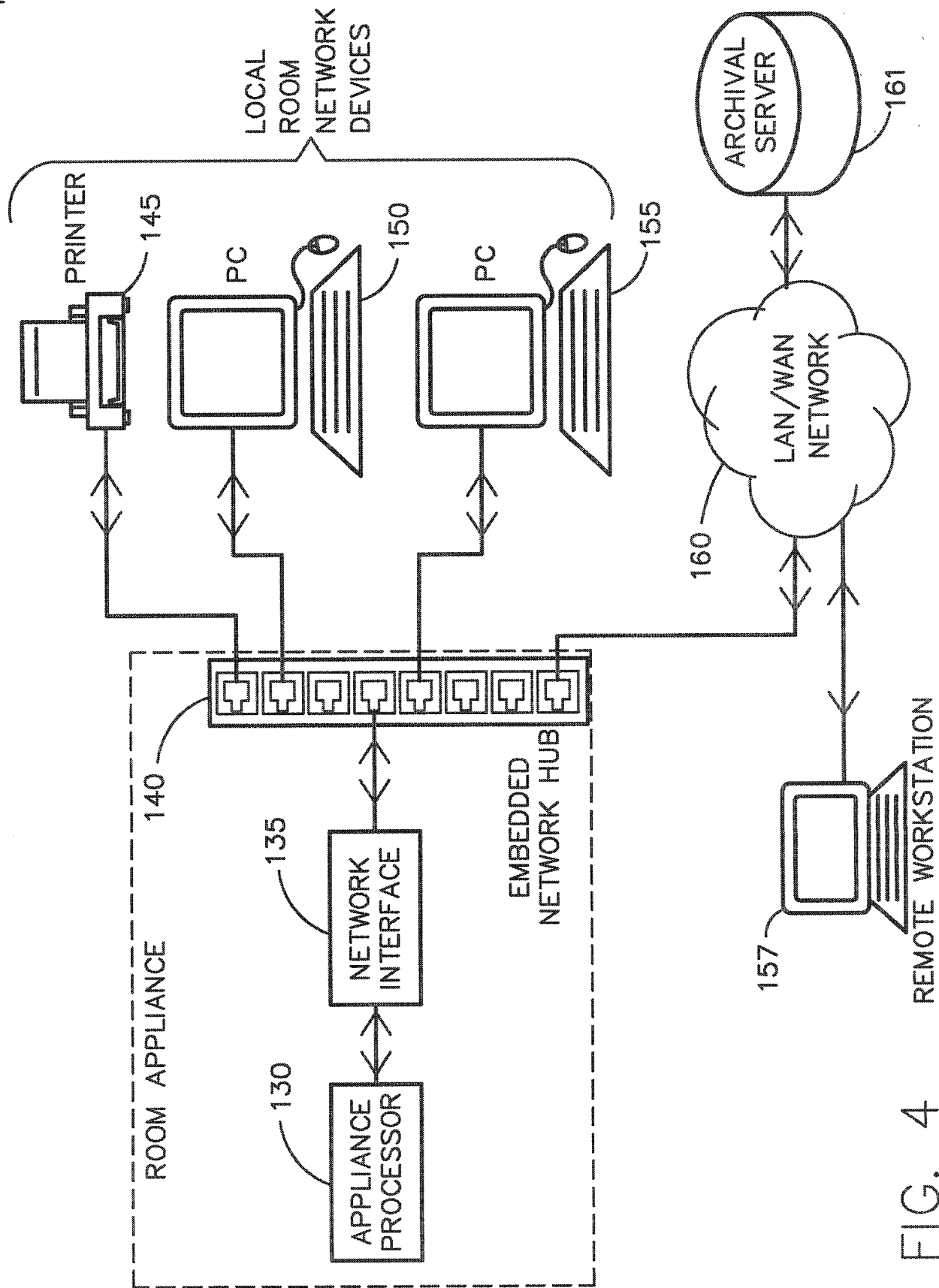


FIG. 4

+

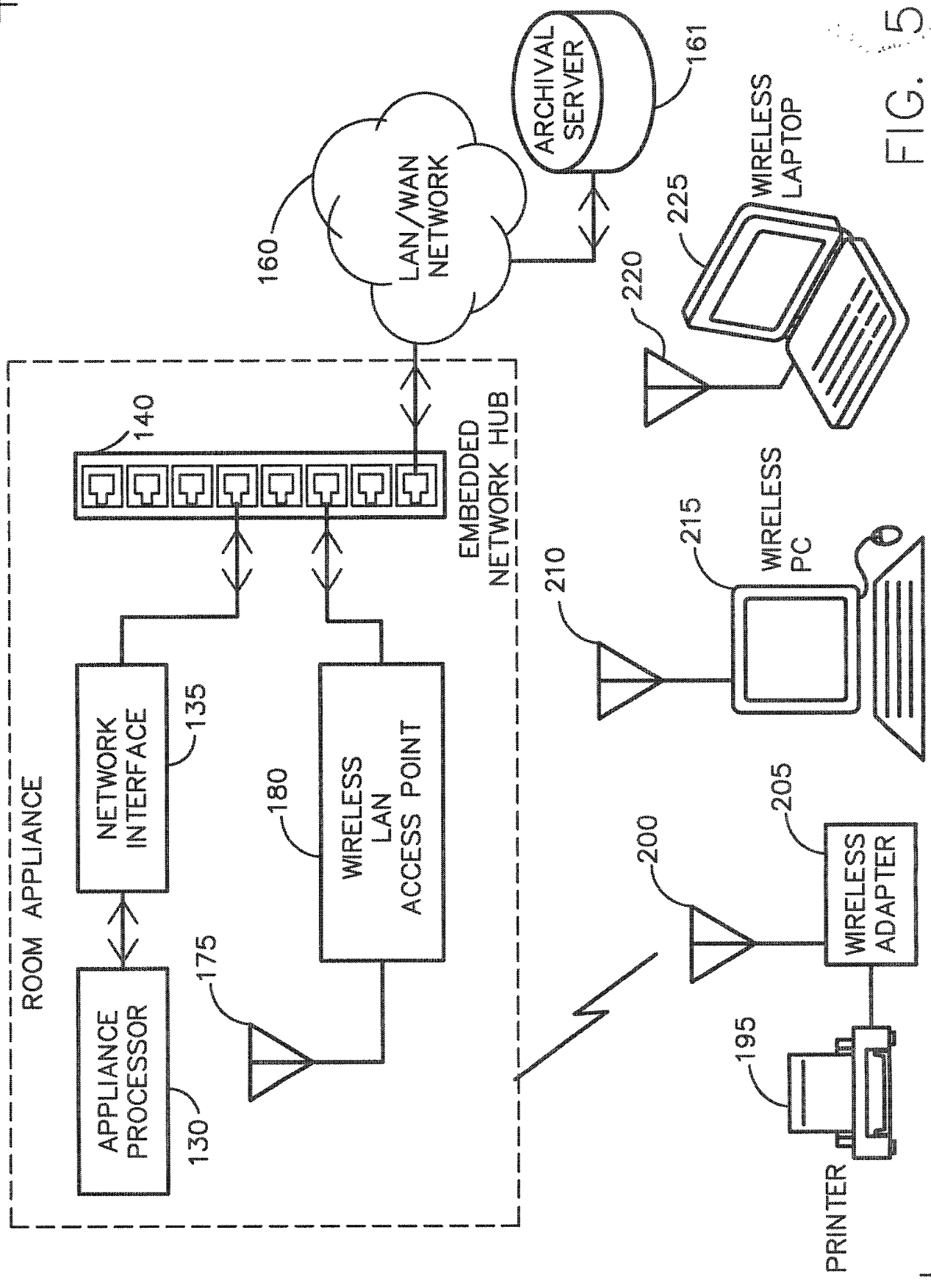


FIG. 5

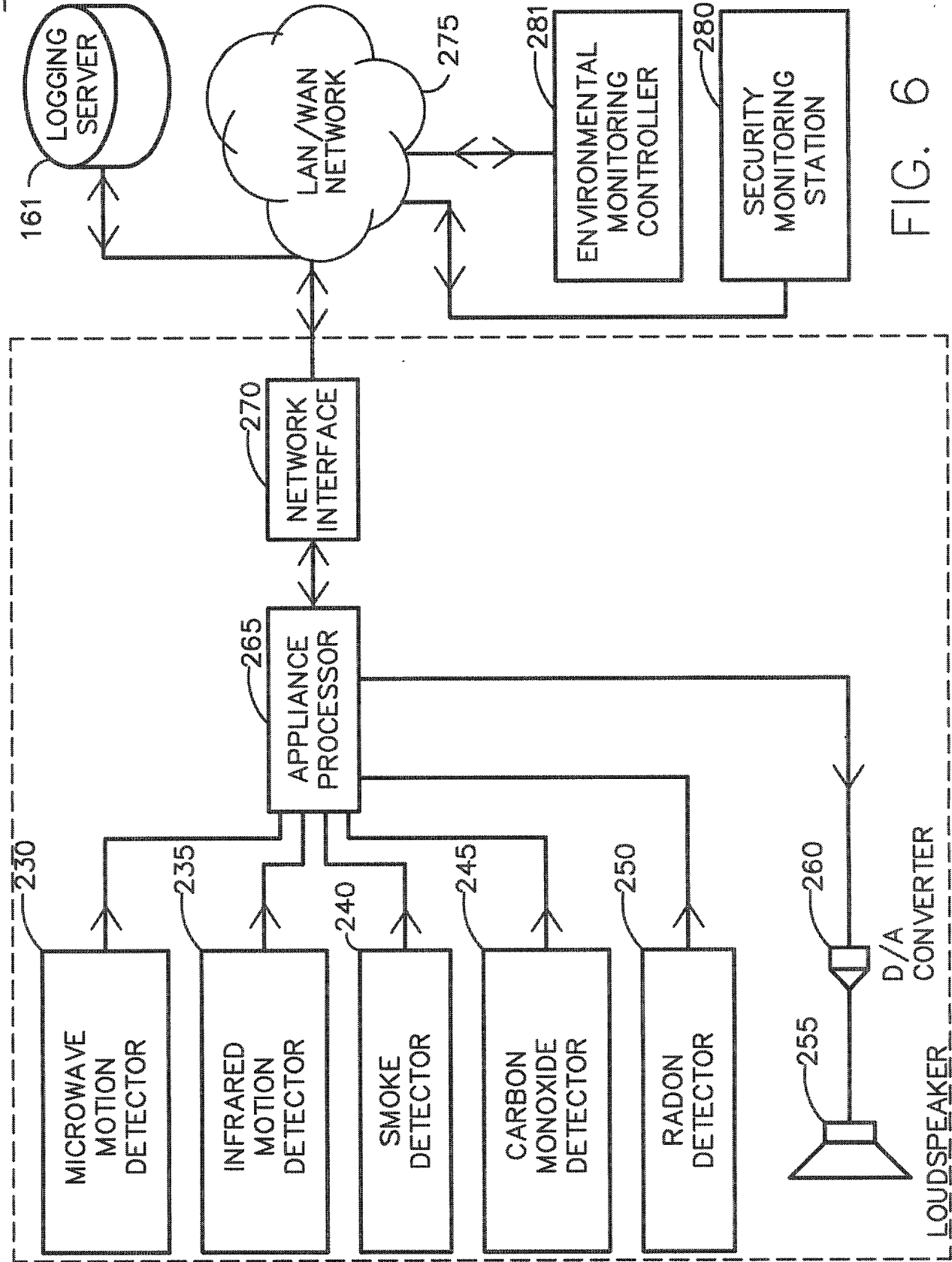


FIG. 6

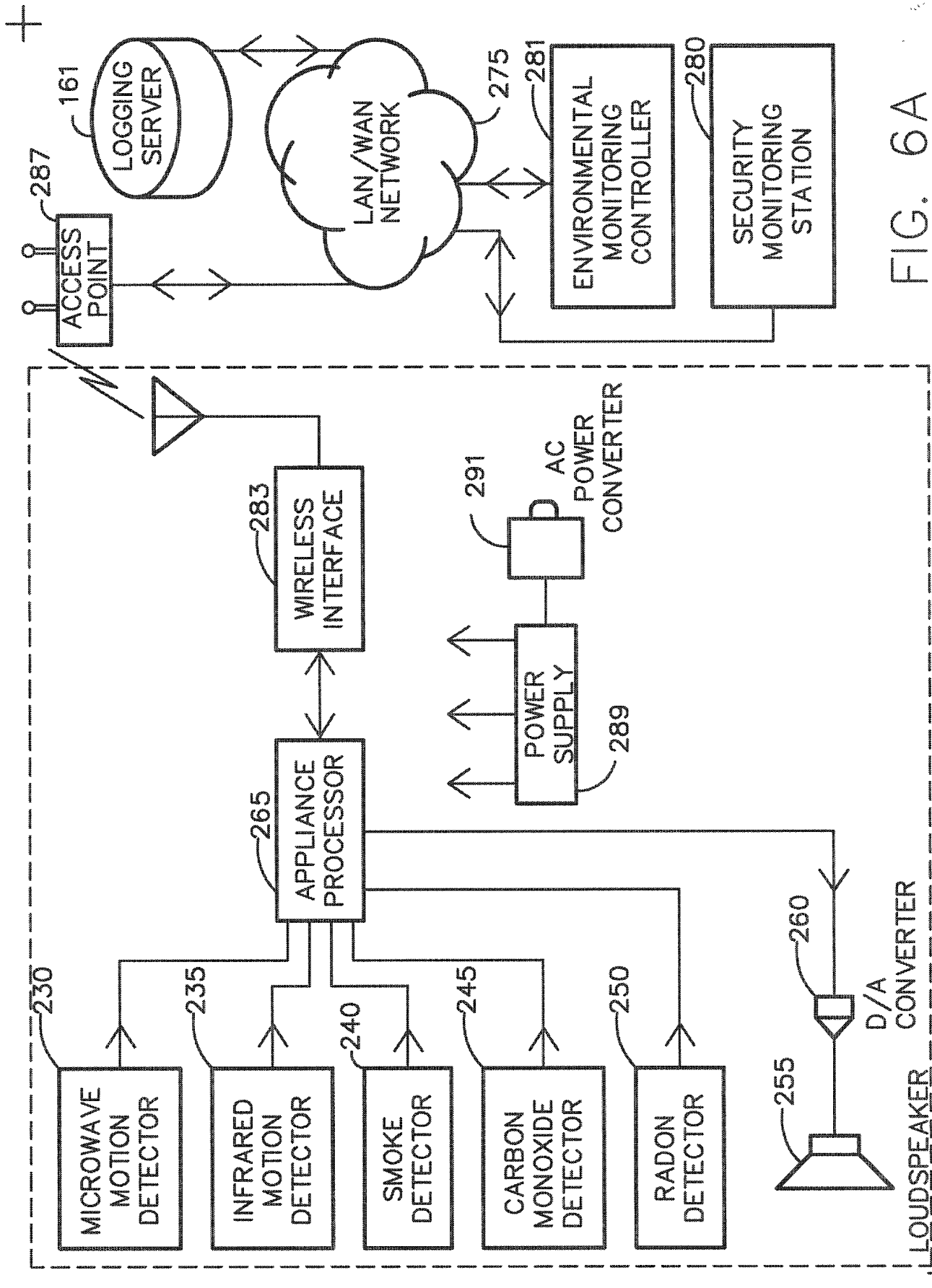


FIG. 6A

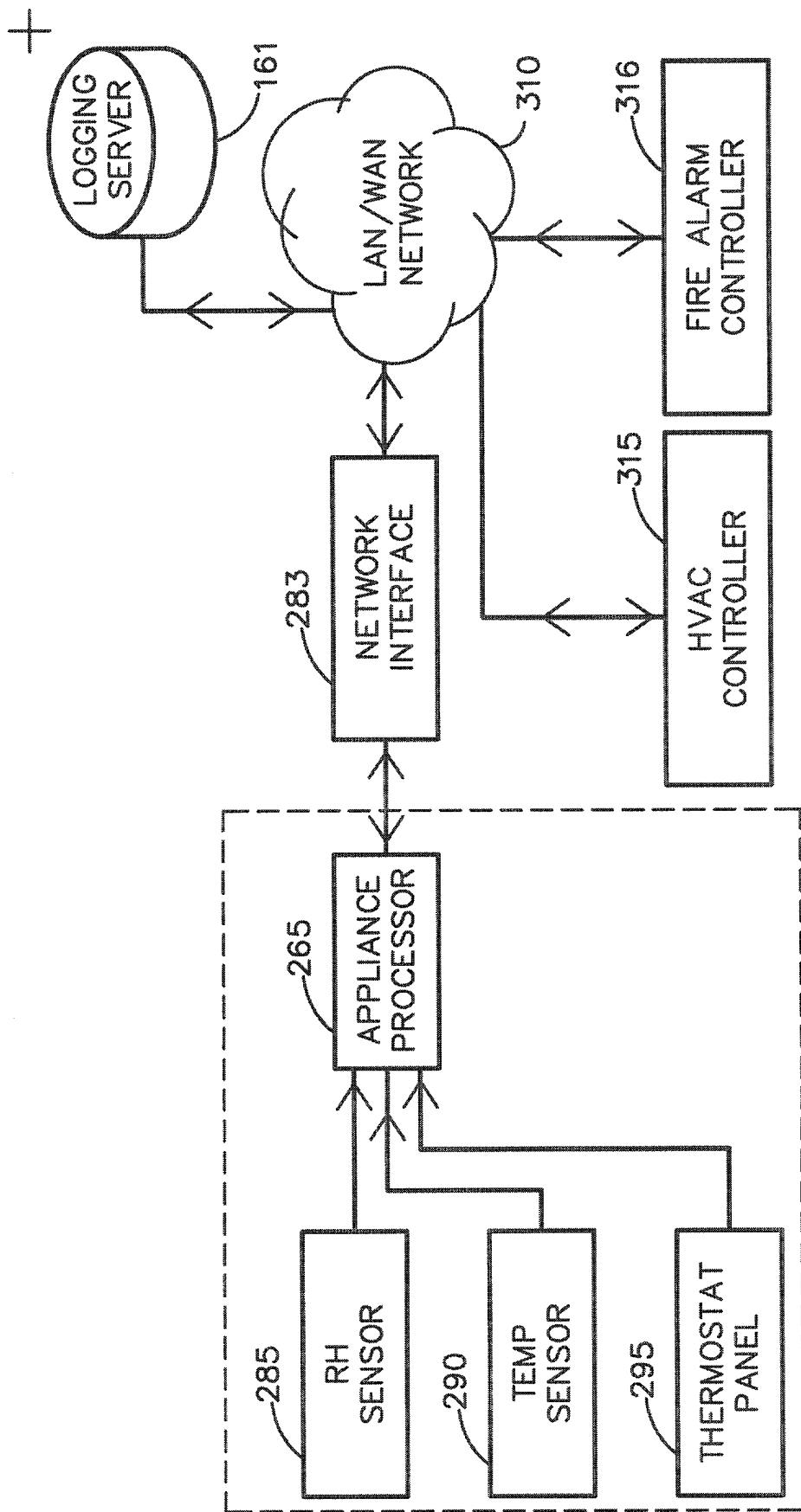


FIG. 7

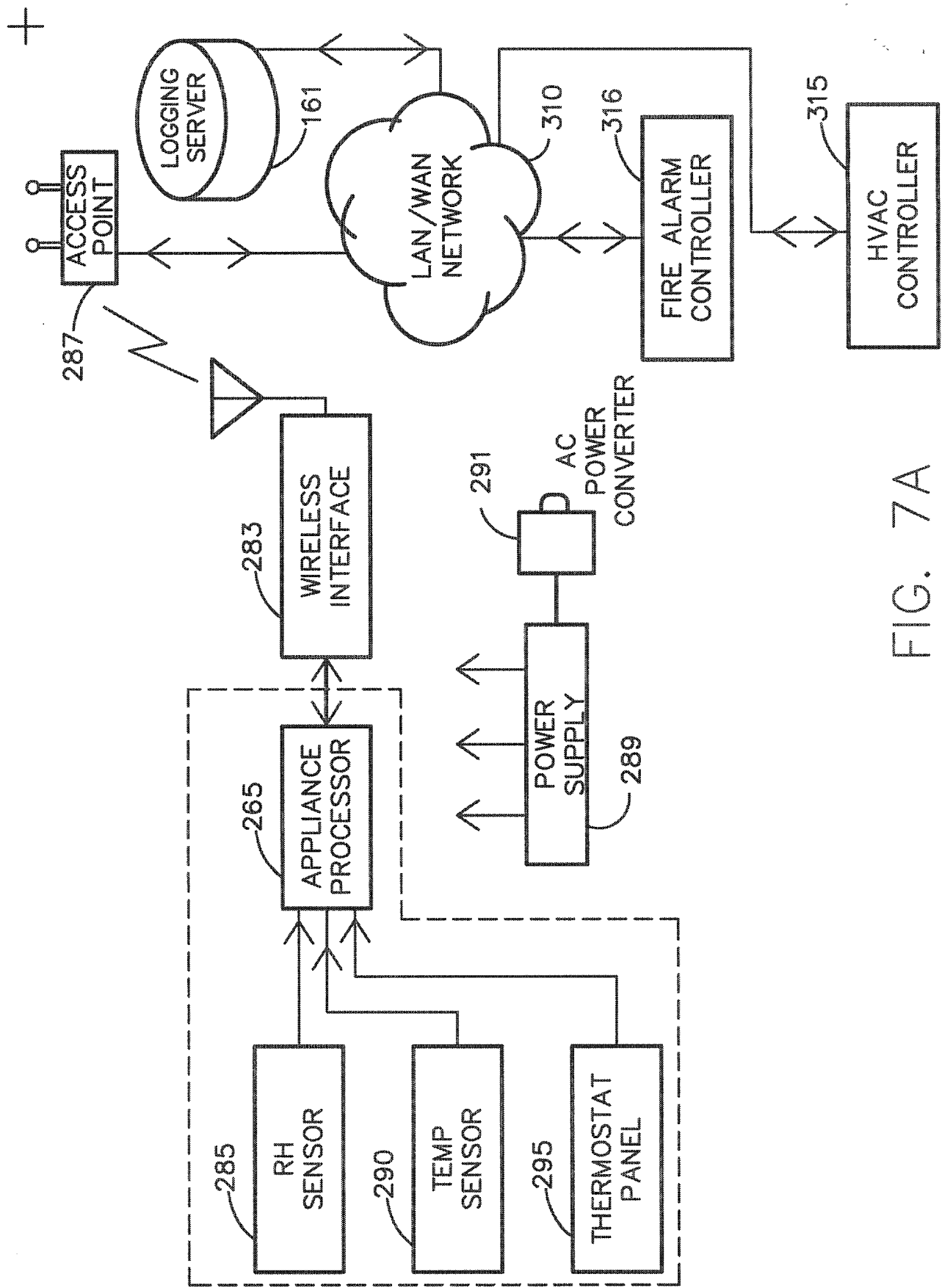


FIG. 7A

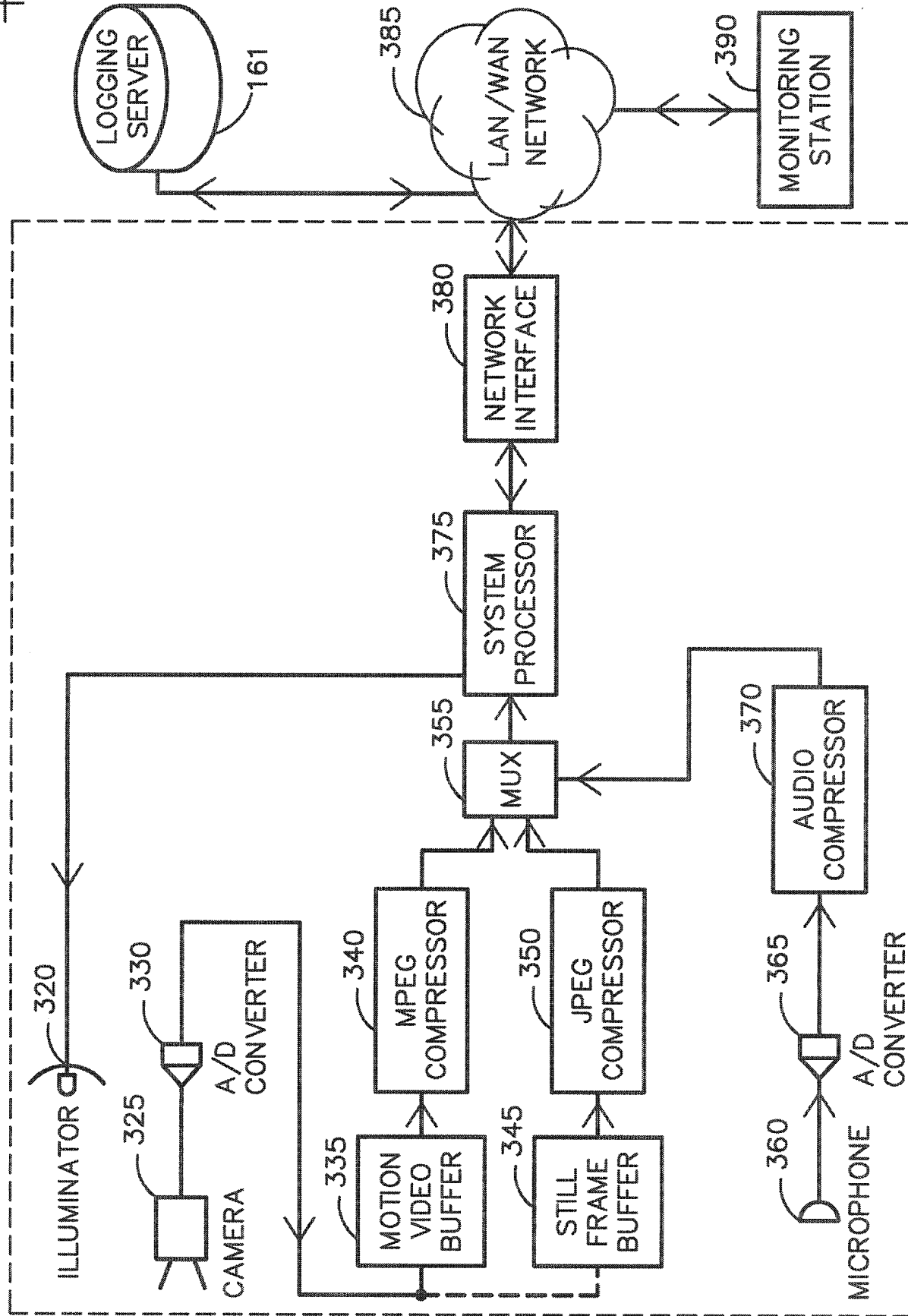


FIG. 8

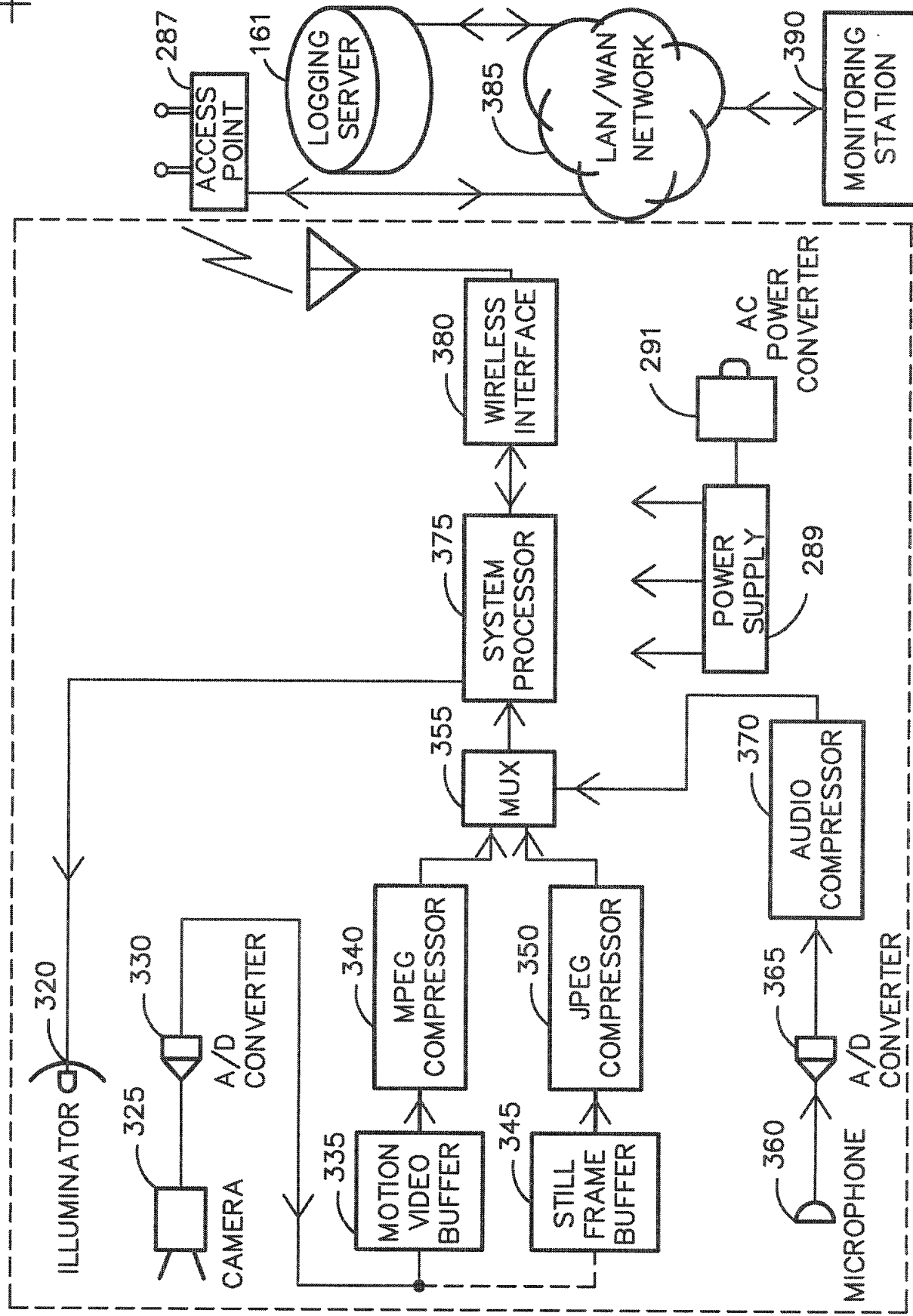
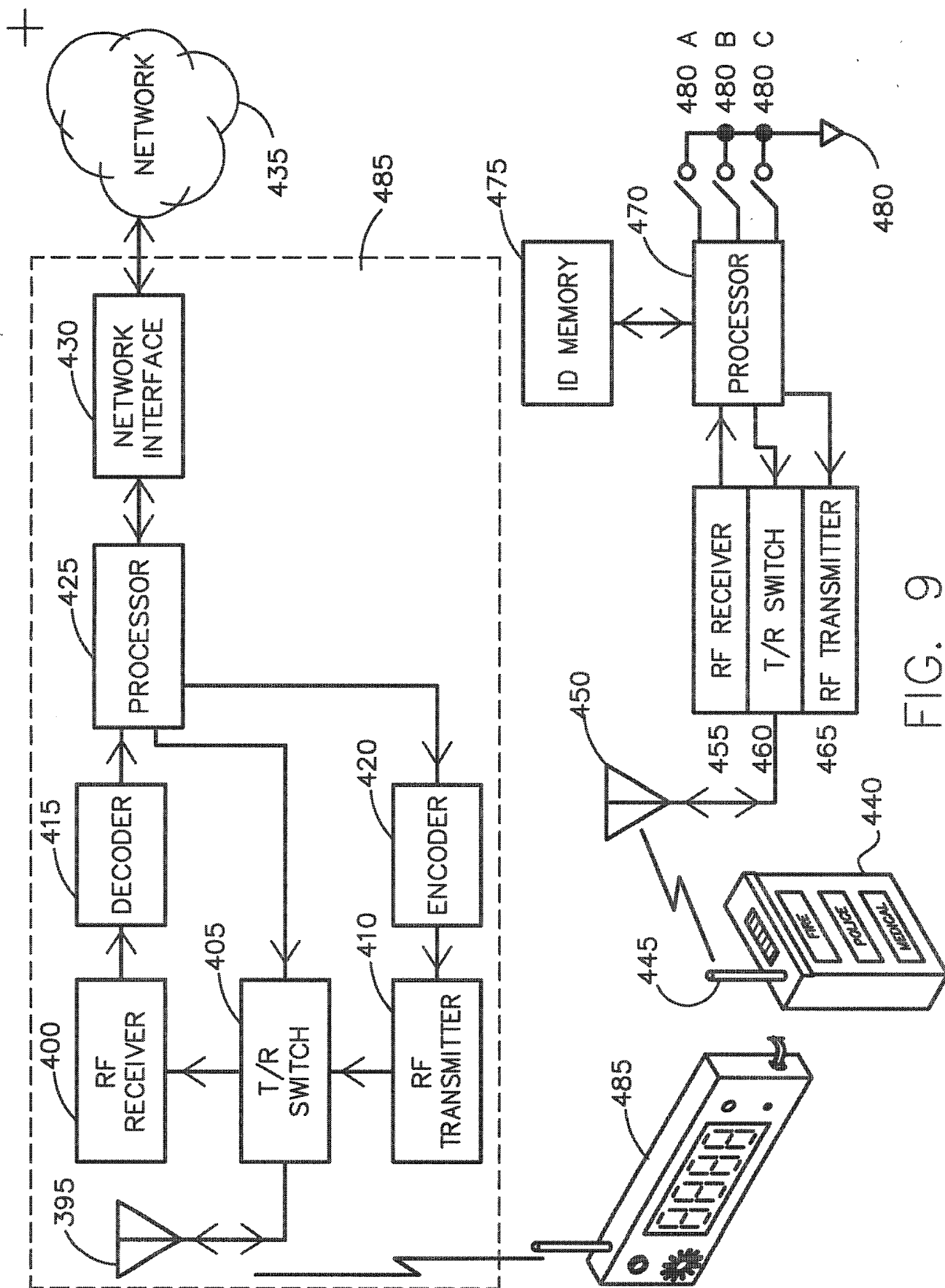


FIG. 8A



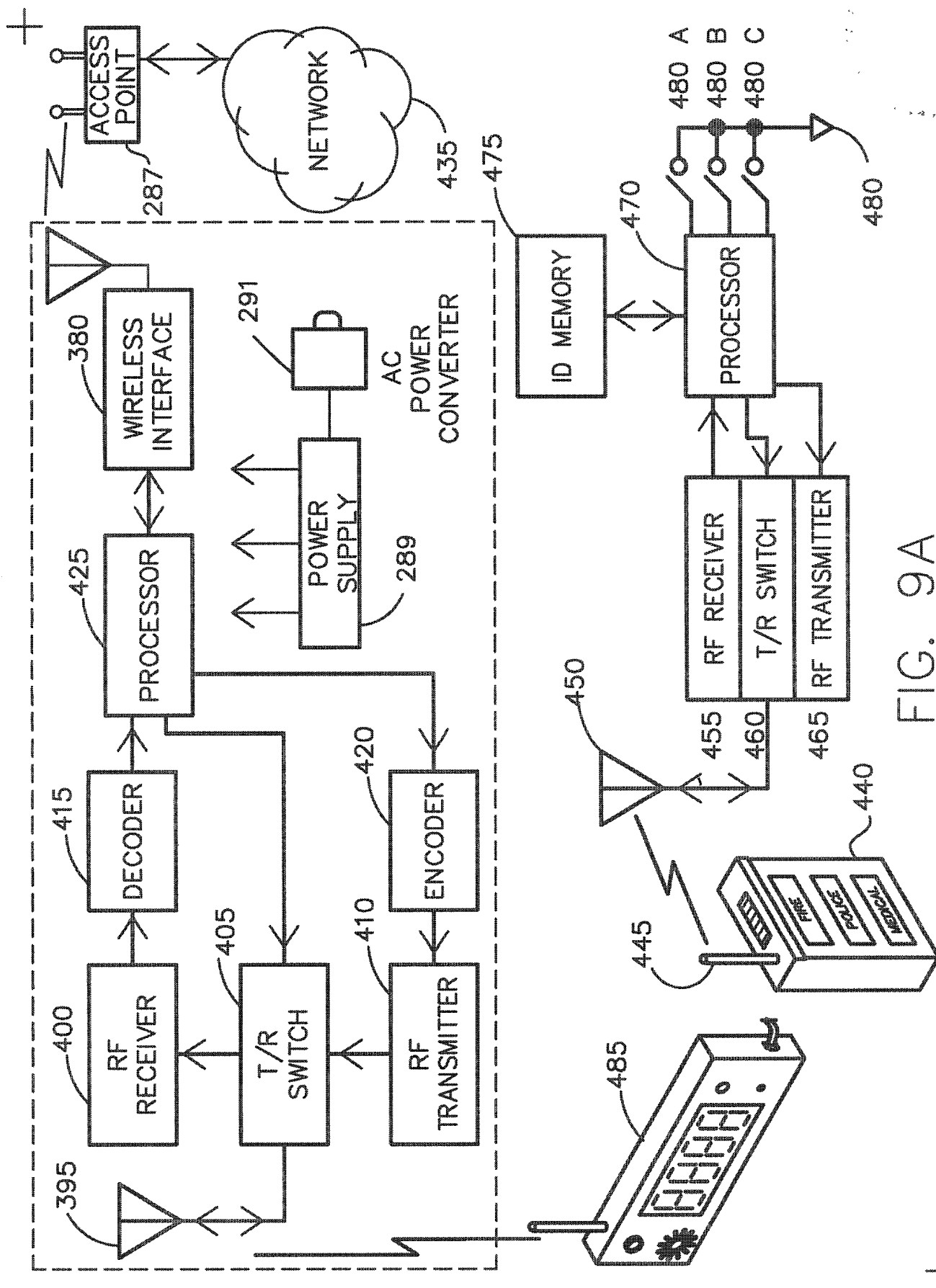


FIG. 9A

09966130.010802

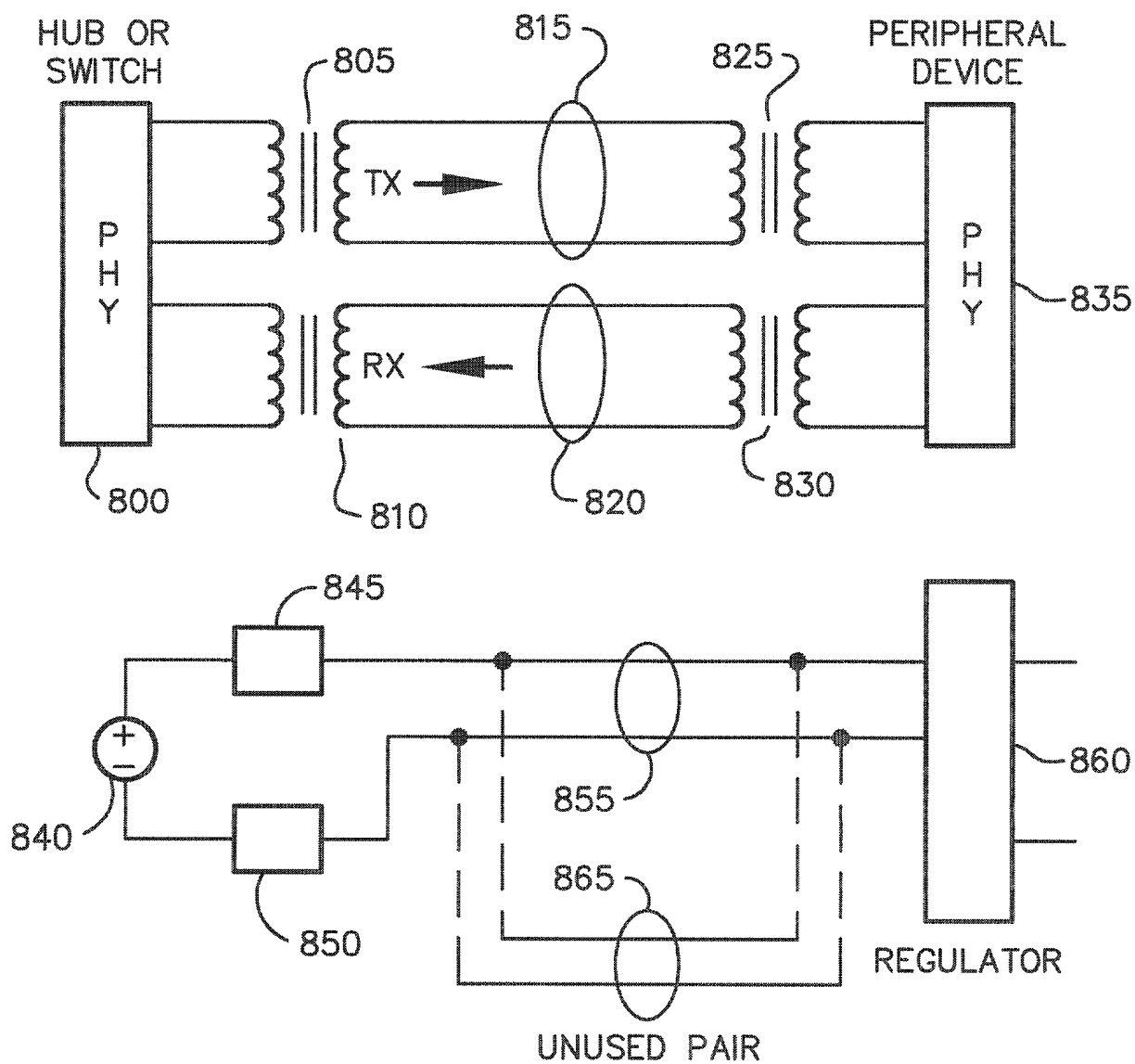


FIG. 10

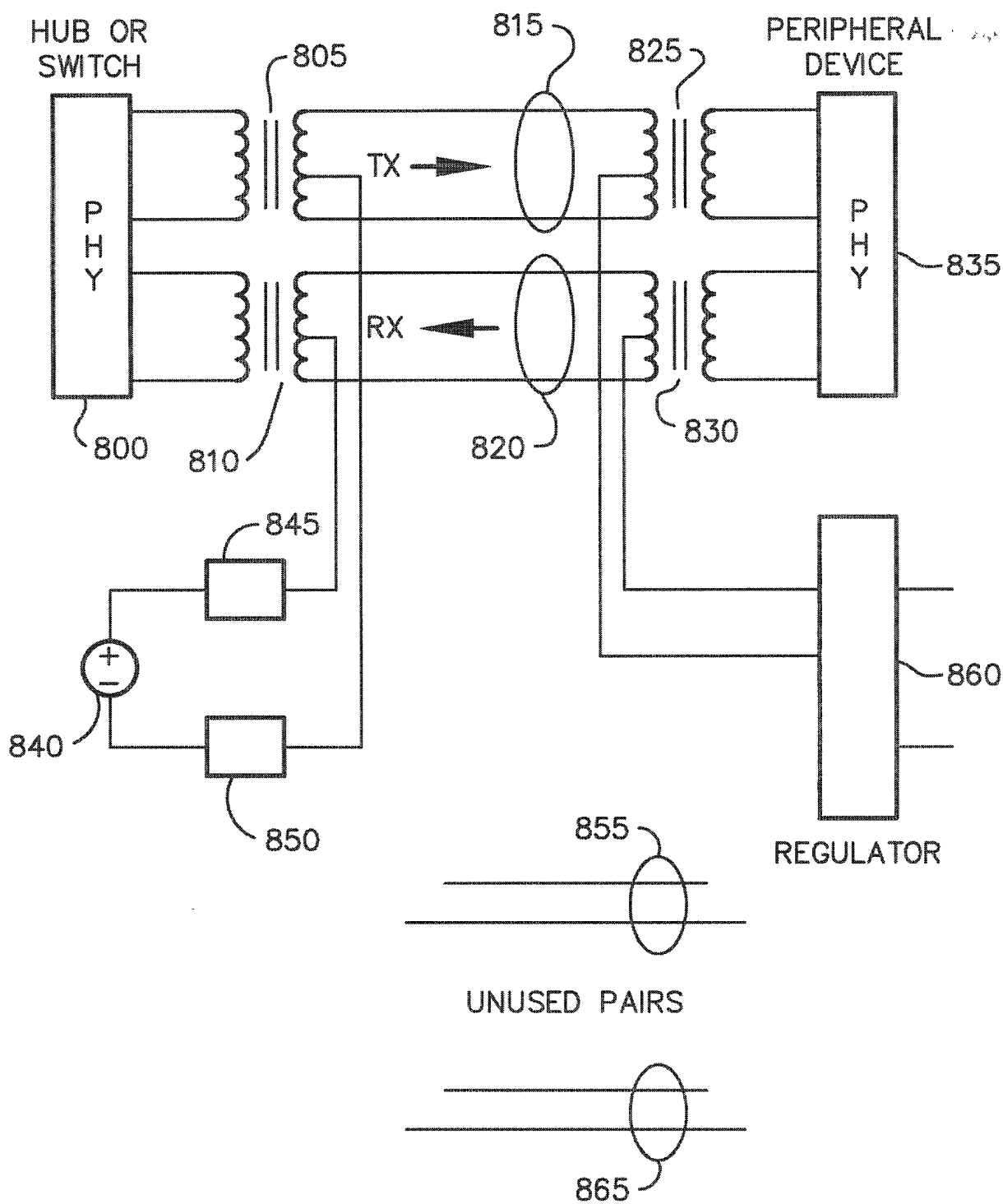


FIG. 11

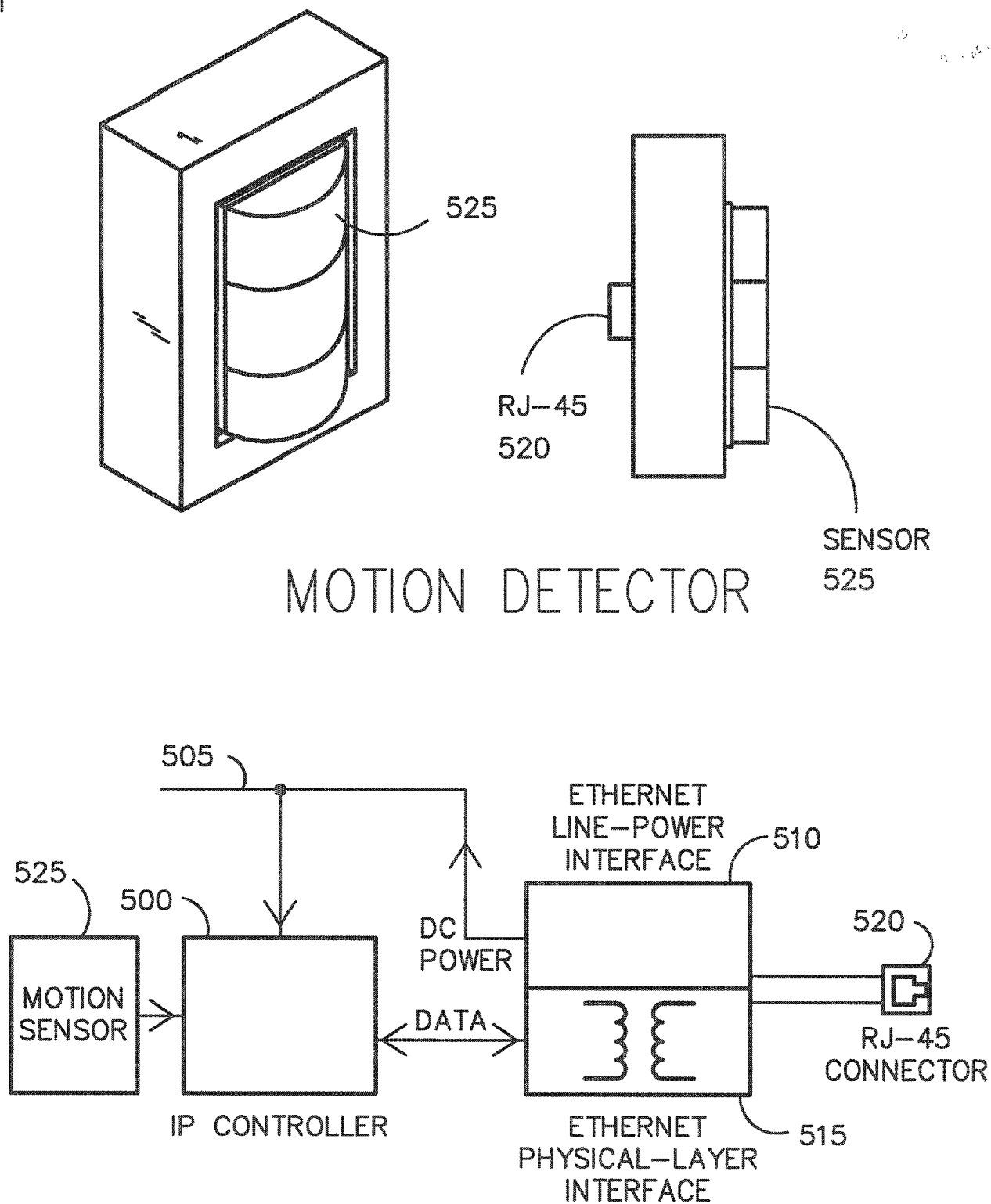
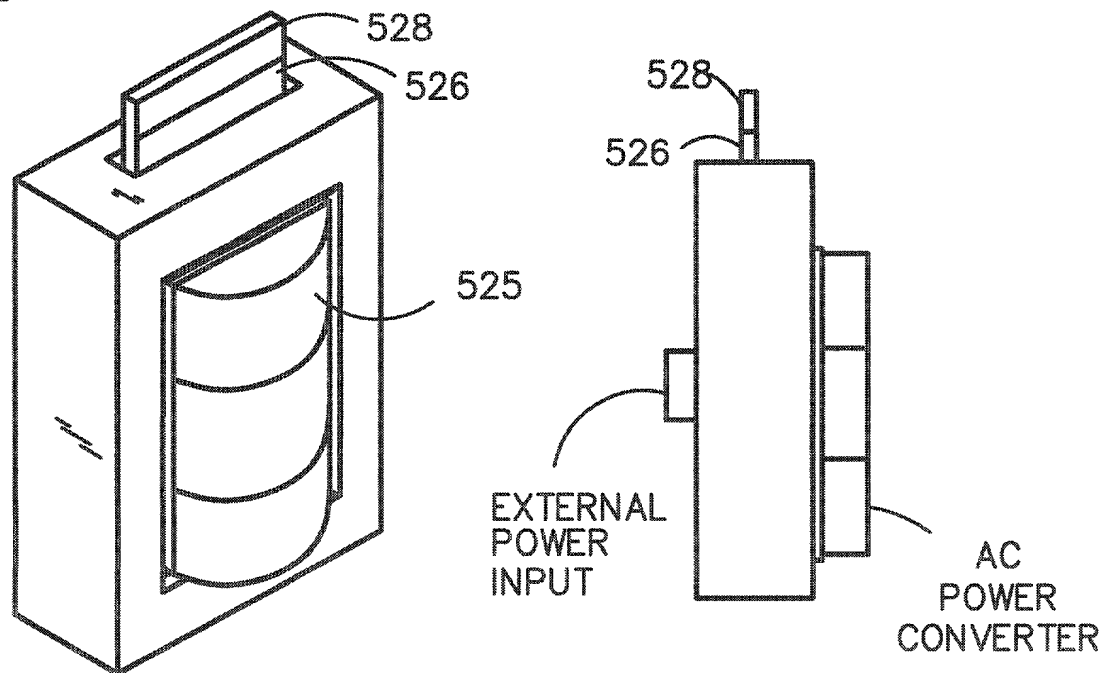


FIG. 12



# MOTION DETECTOR

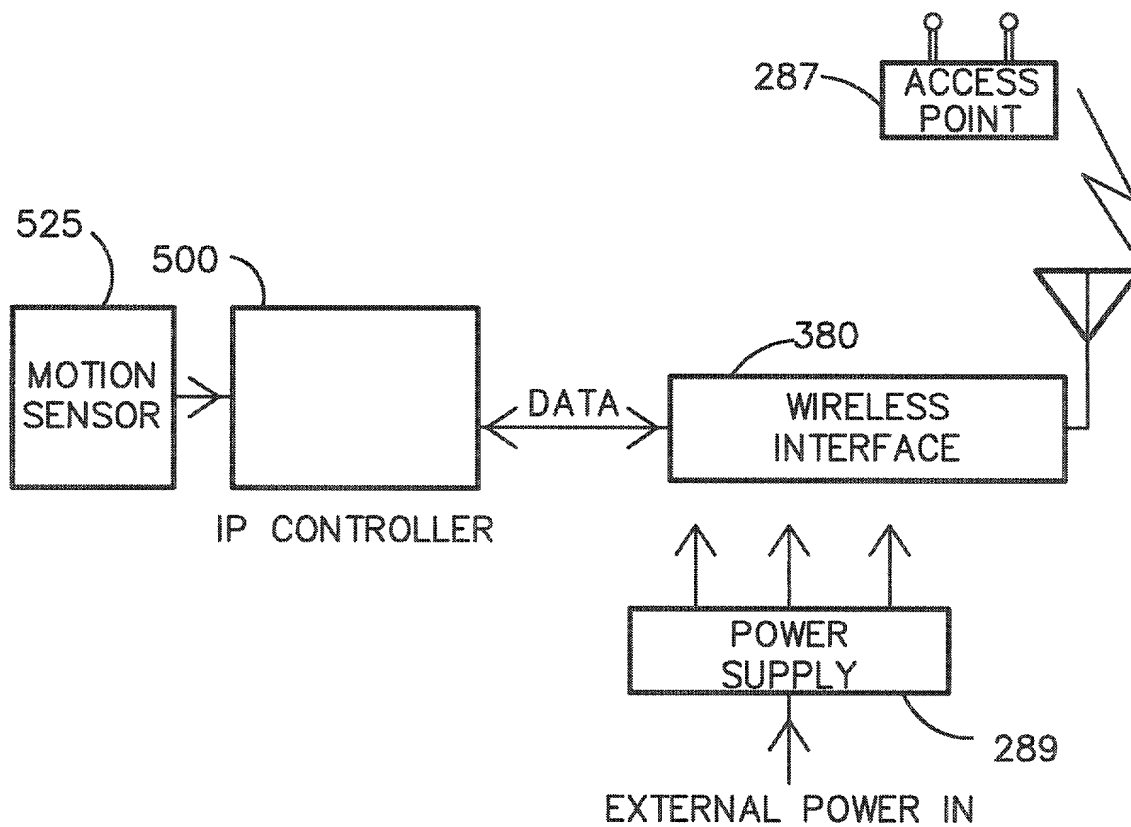
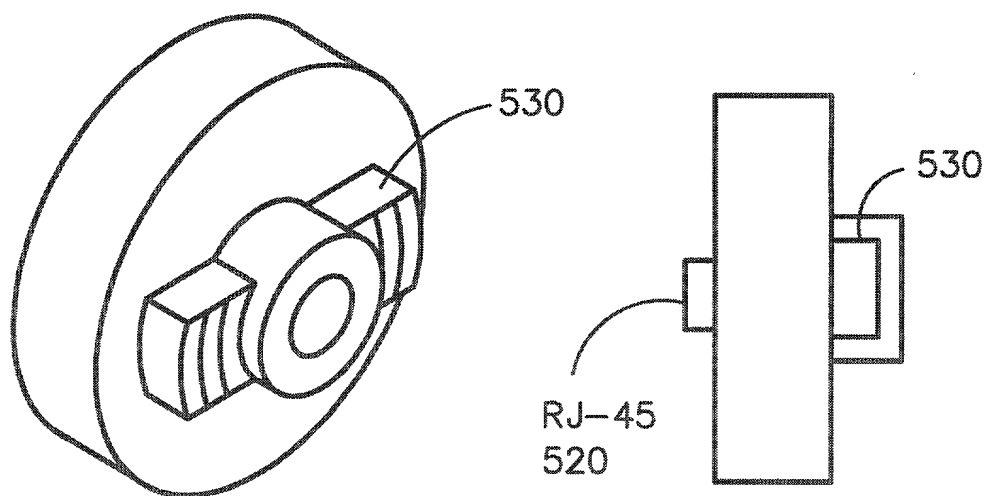


FIG. 12A



# SMOKE DETECTOR OR SMOKE & TEMP DETECTOR

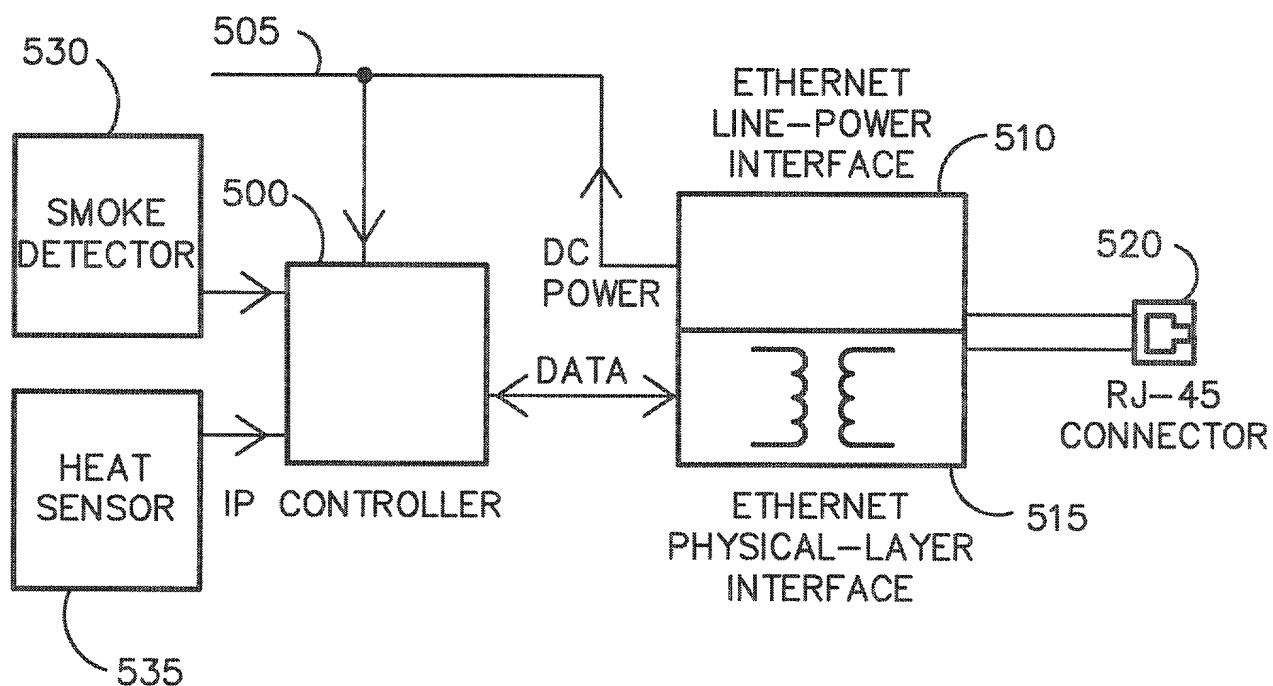
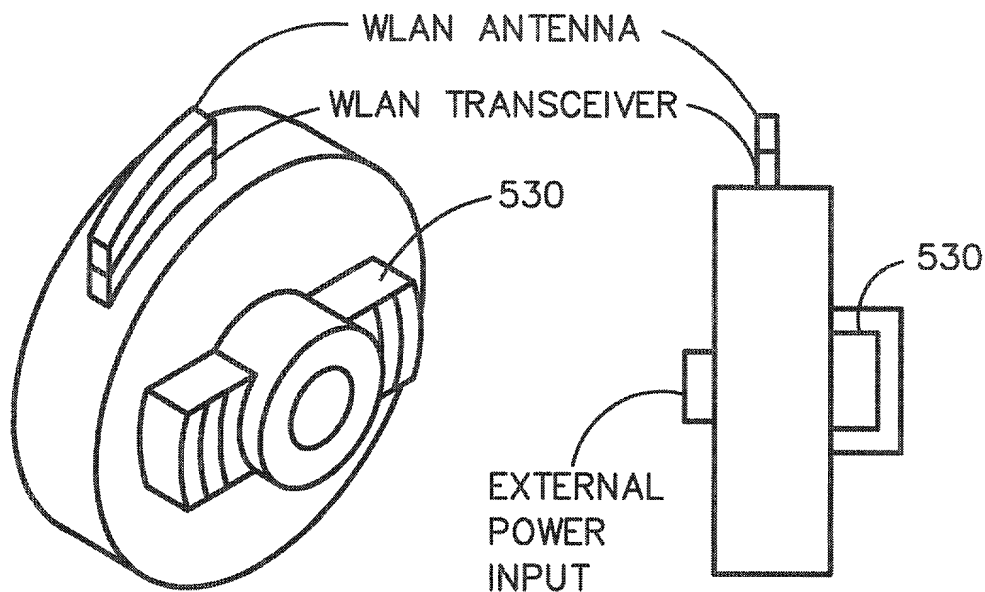


FIG. 13

2020.01.01.09.55.00



## SMOKE DETECTOR OR SMOKE & TEMP DETECTOR

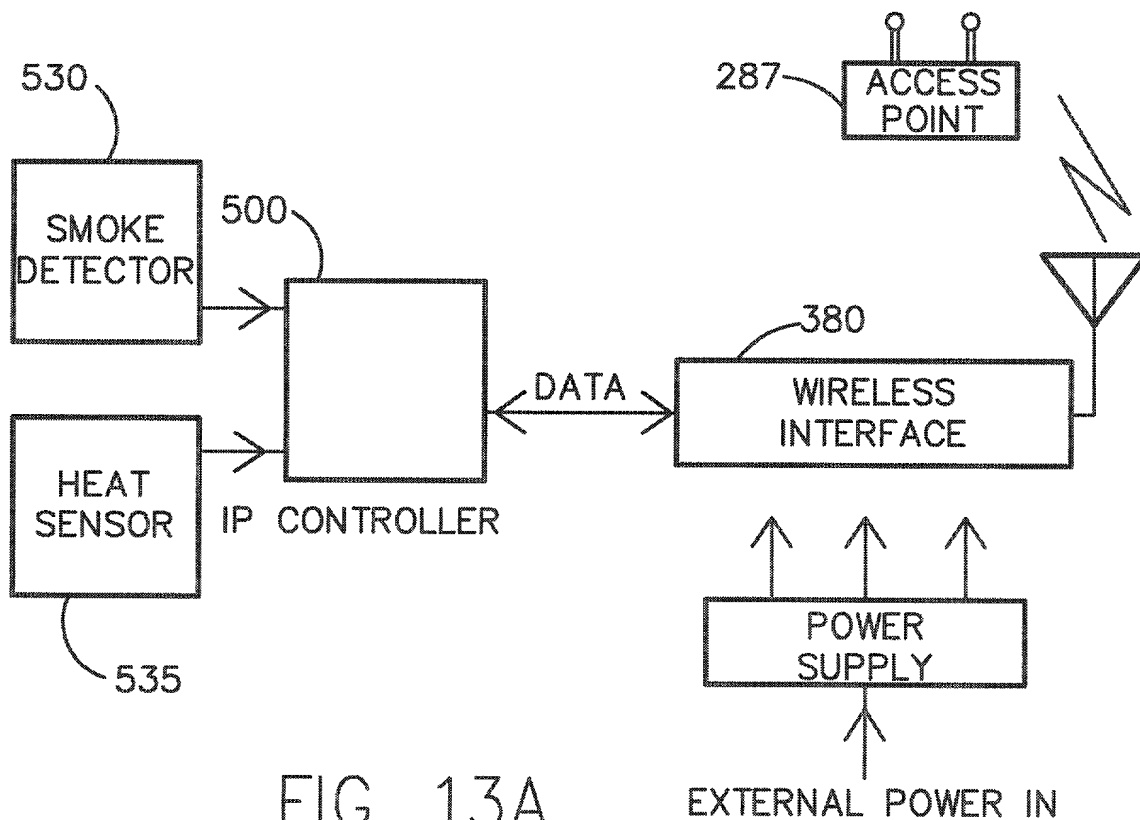
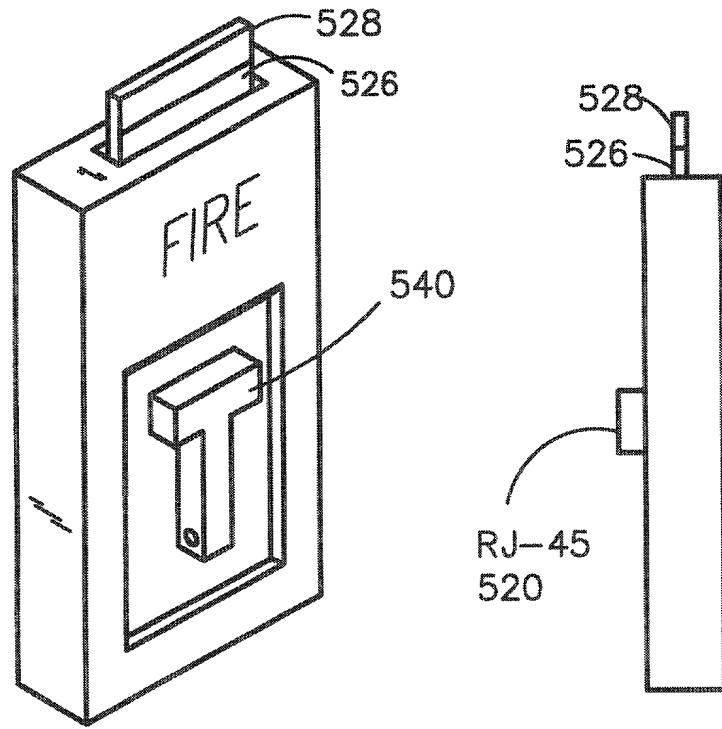


FIG. 13A



FIG. 14

2007-06-29 09:56:00



PULL HANDLE

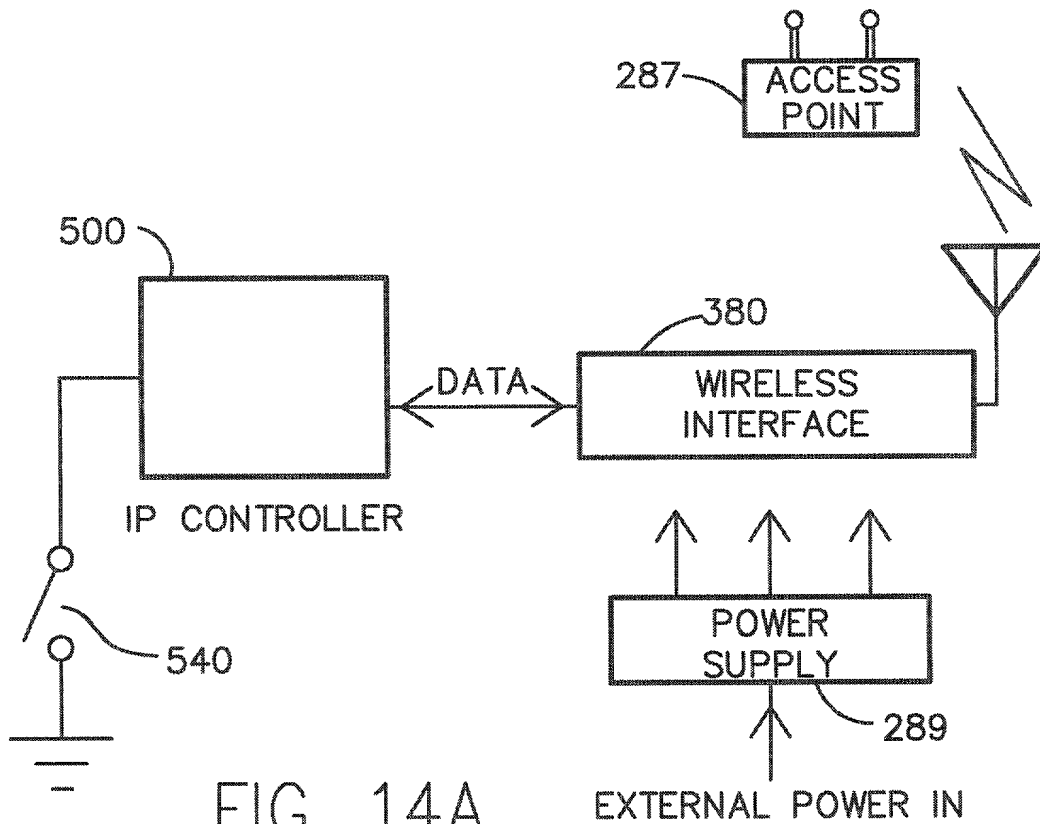
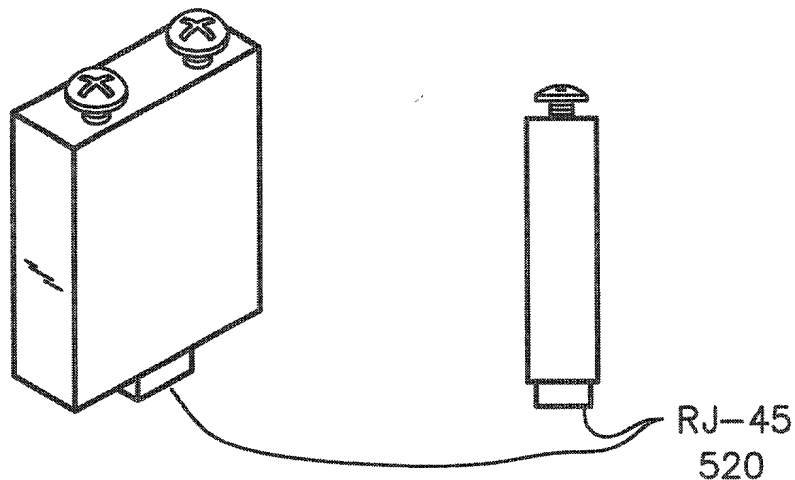
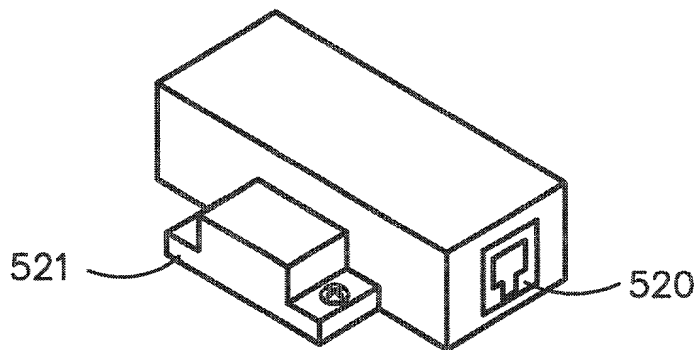


FIG. 14A

208070 "DET99660



EXTERNAL CONTACT INTERFACE



INTERNAL CONTACT INTERFACE

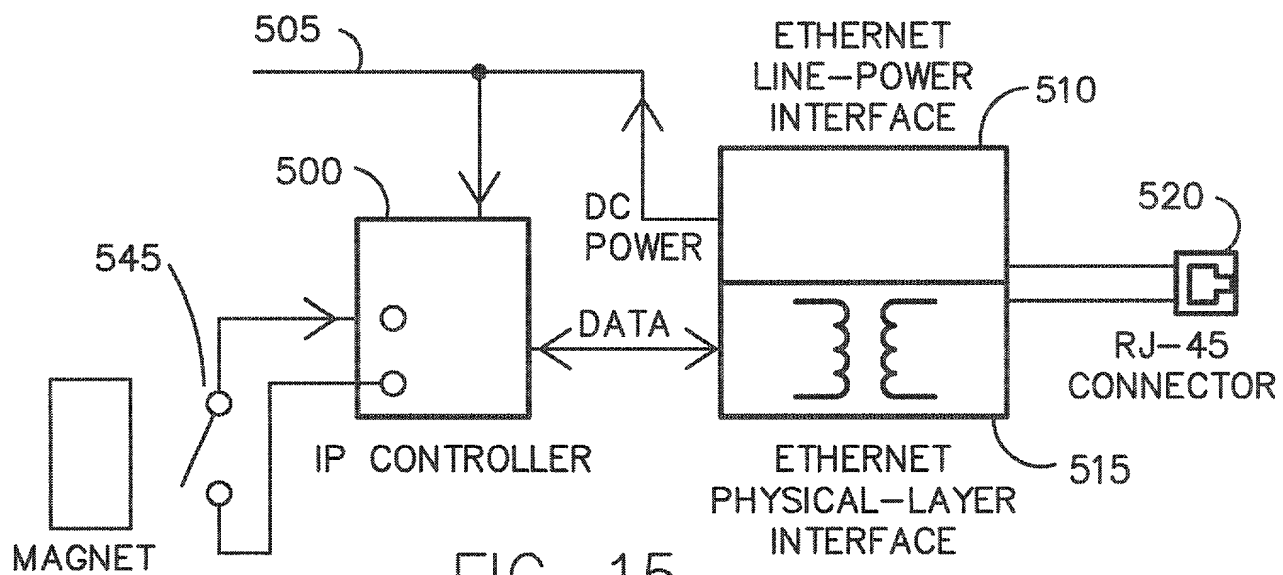
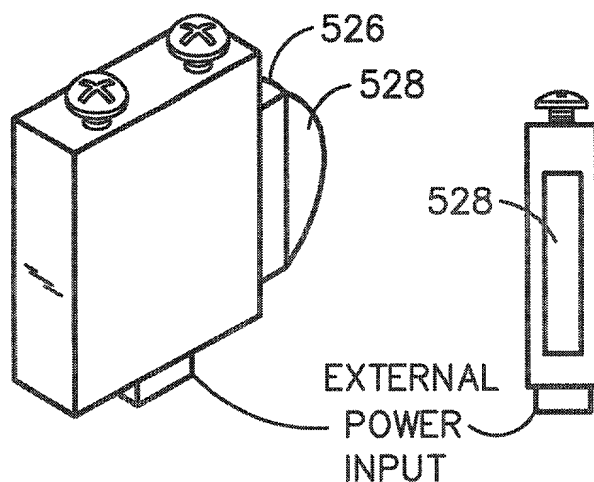
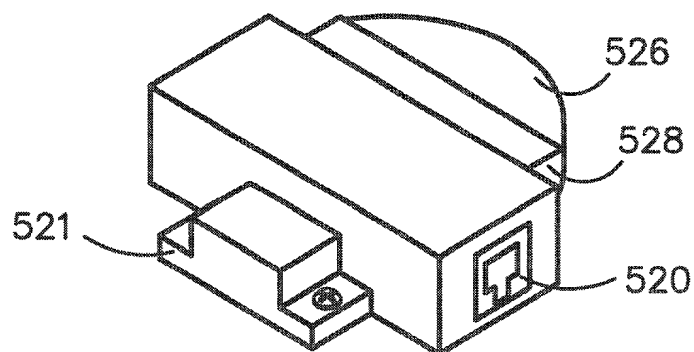


FIG. 15



## EXTERNAL CONTACT INTERFACE



## INTERNAL CONTACT INTERFACE

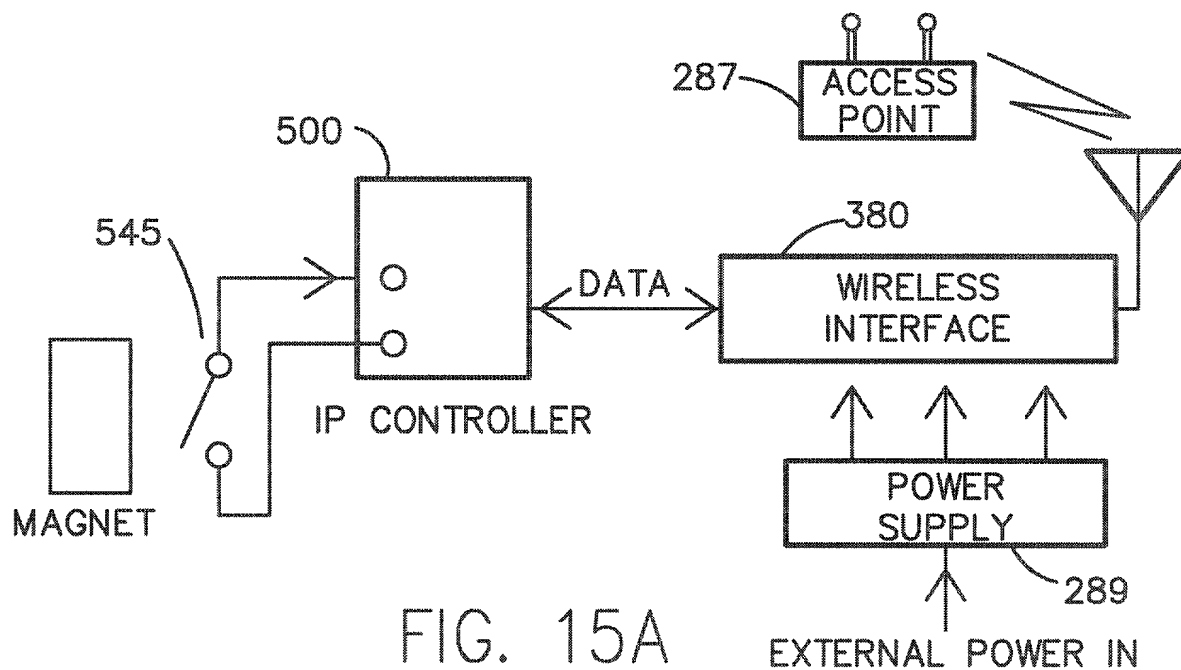


FIG. 15A

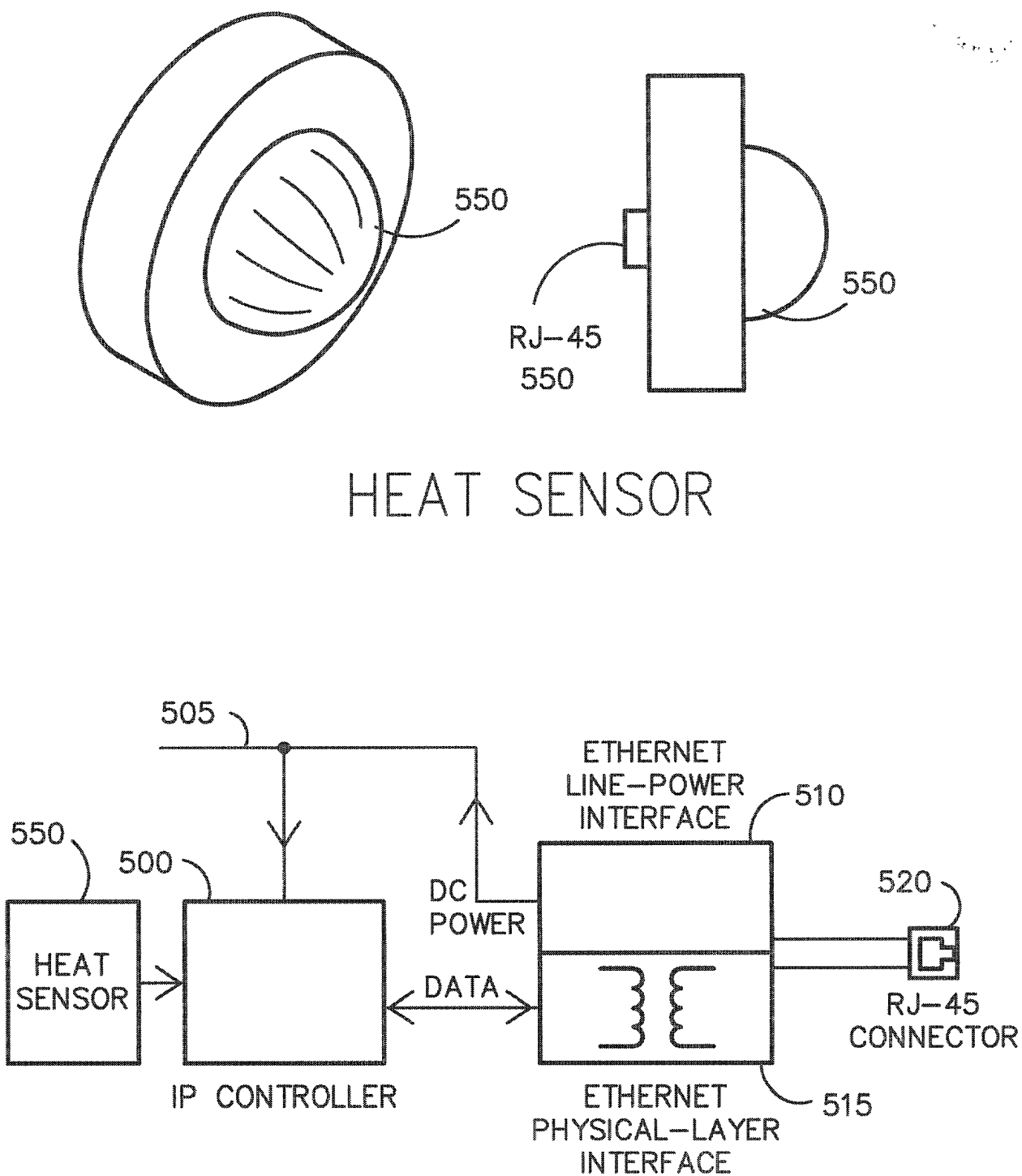
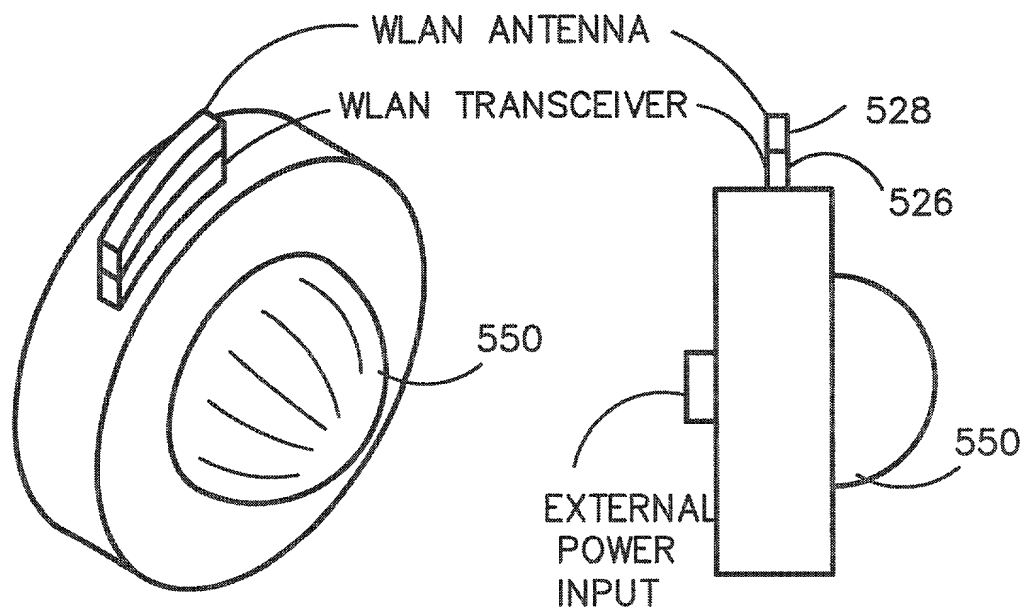


FIG. 16



# HEAT SENSOR

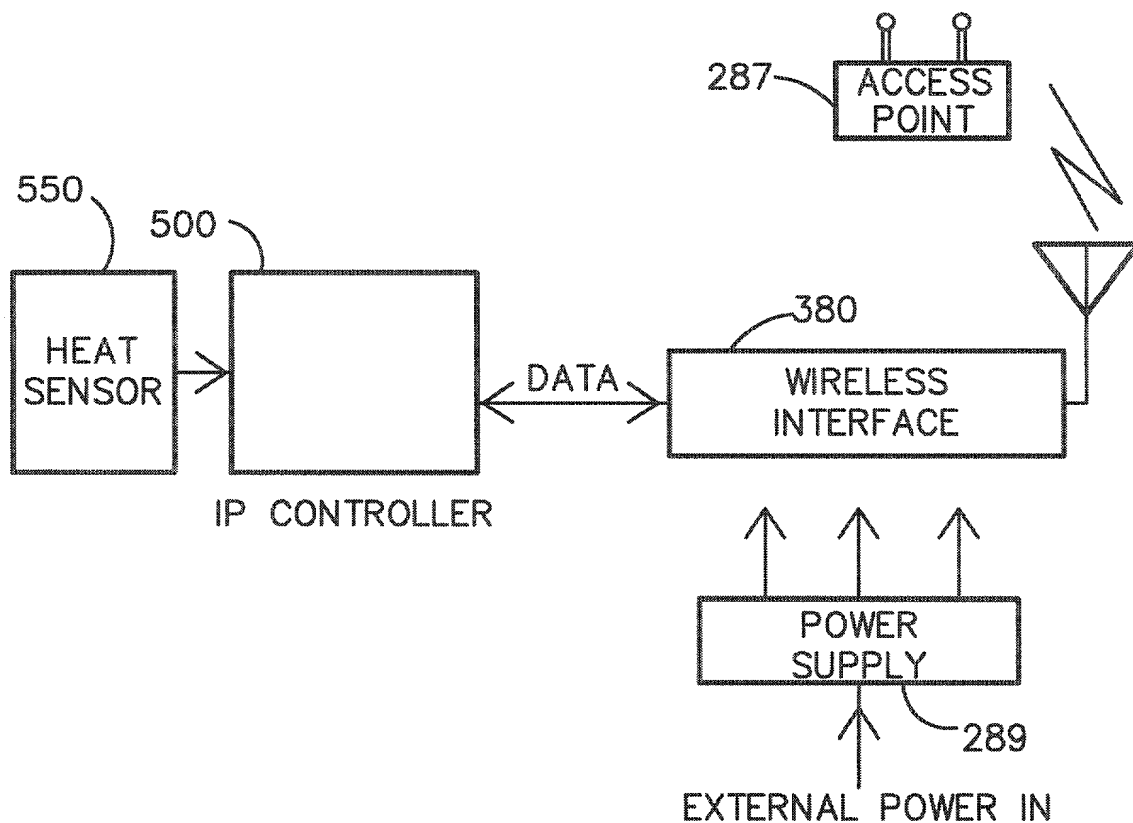
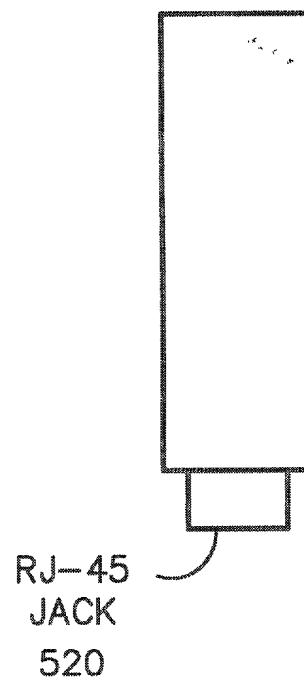
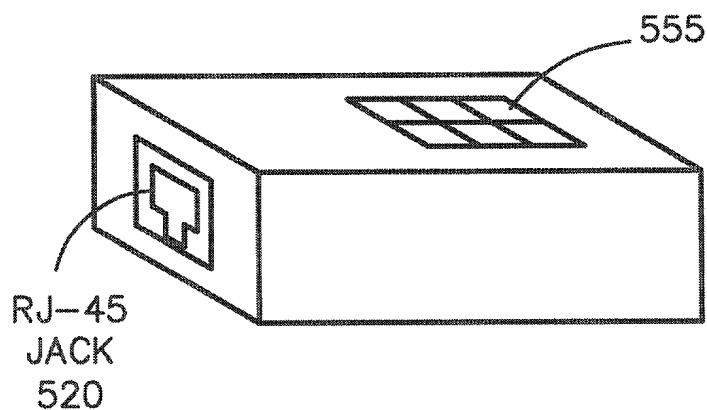


FIG. 16A



# GLASS BREAK

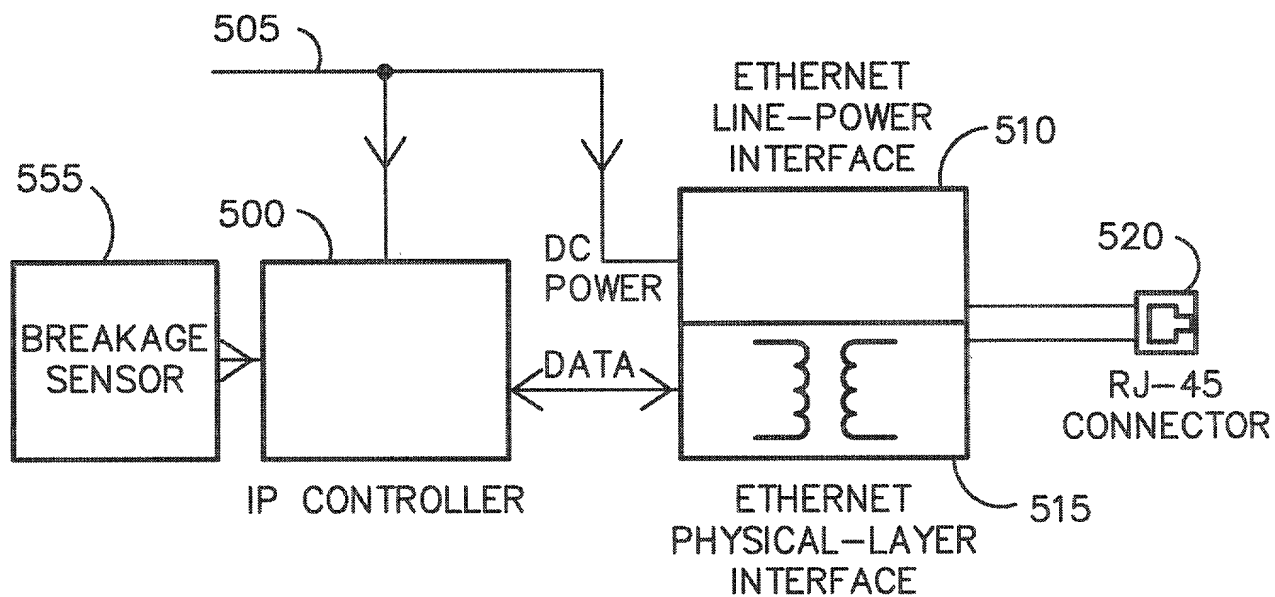


FIG. 17

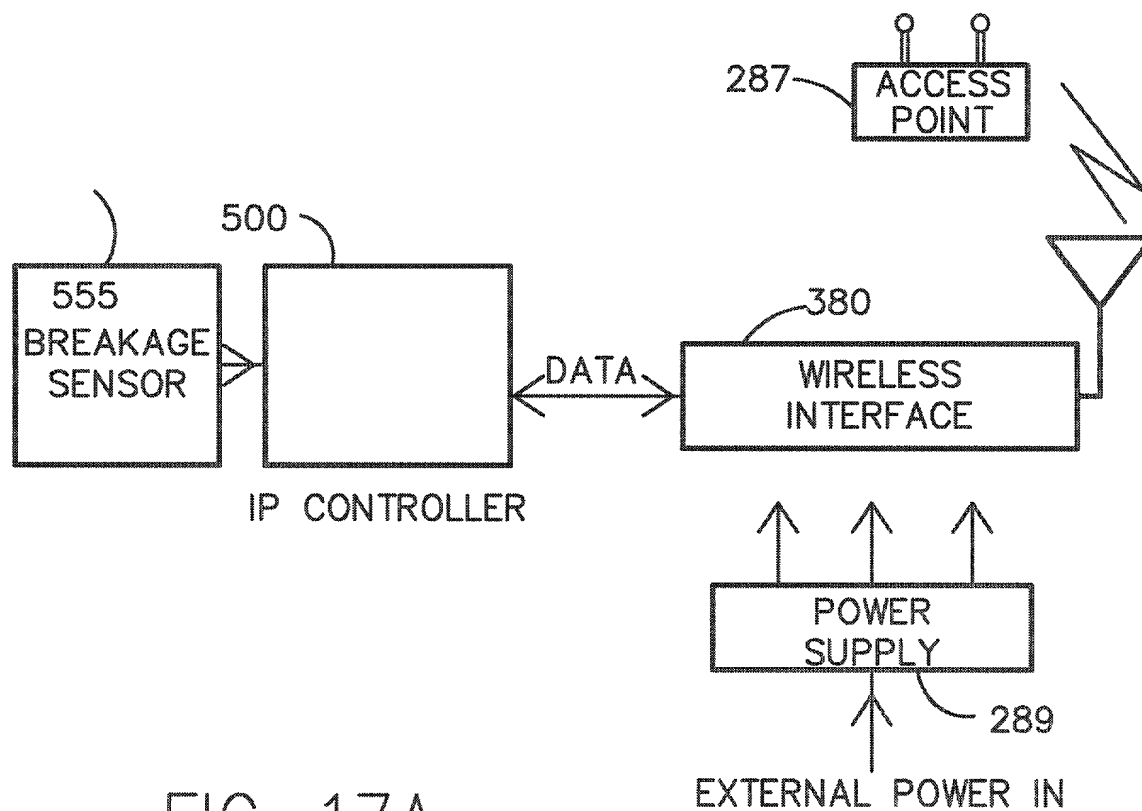
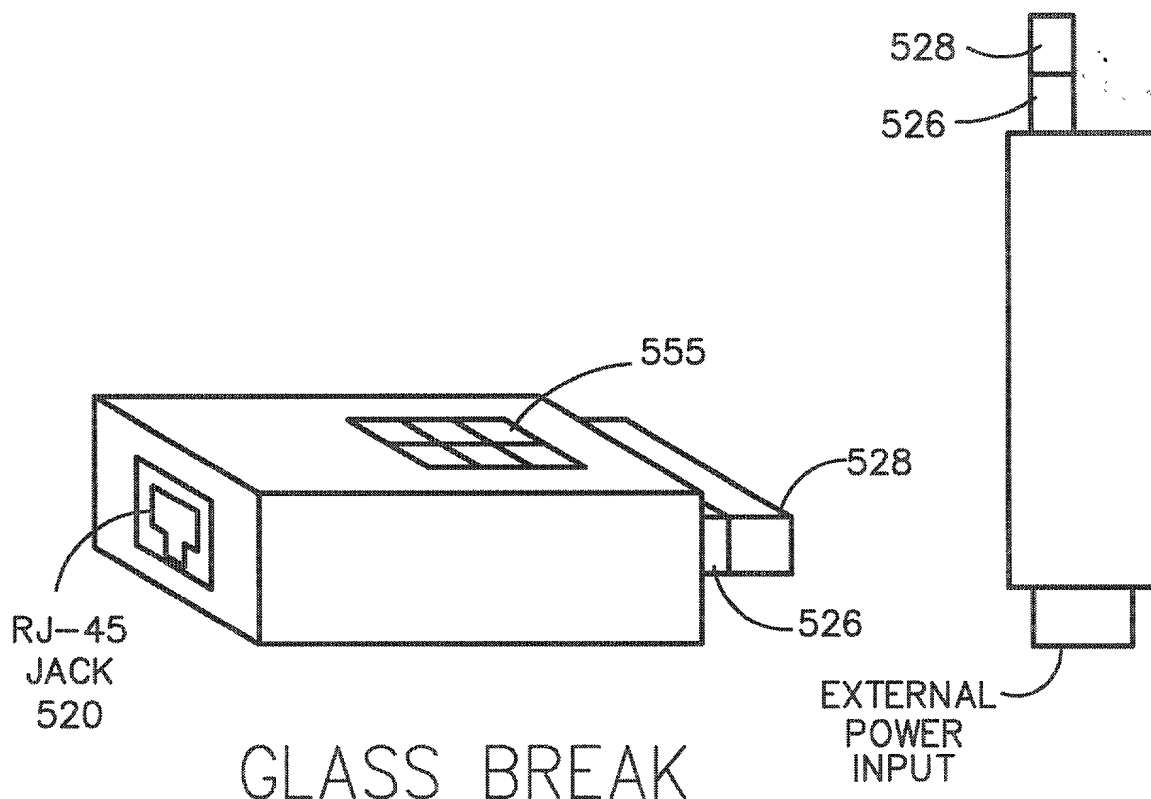
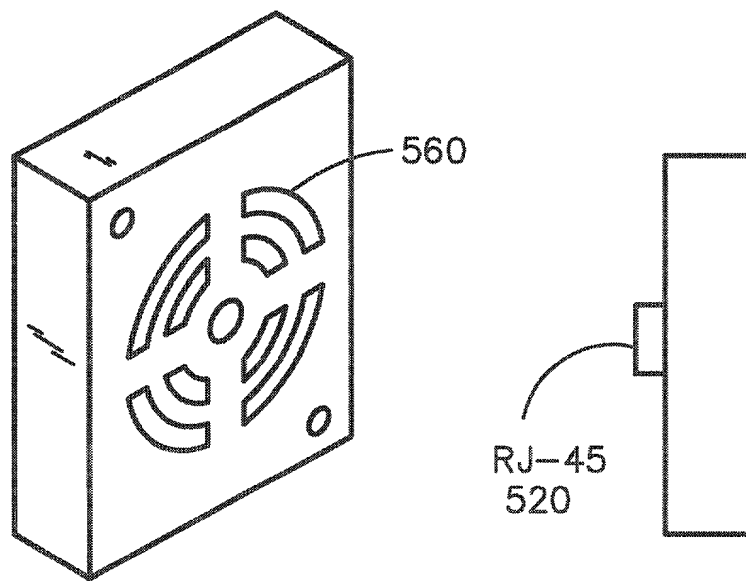


FIG. 17A



SIREN

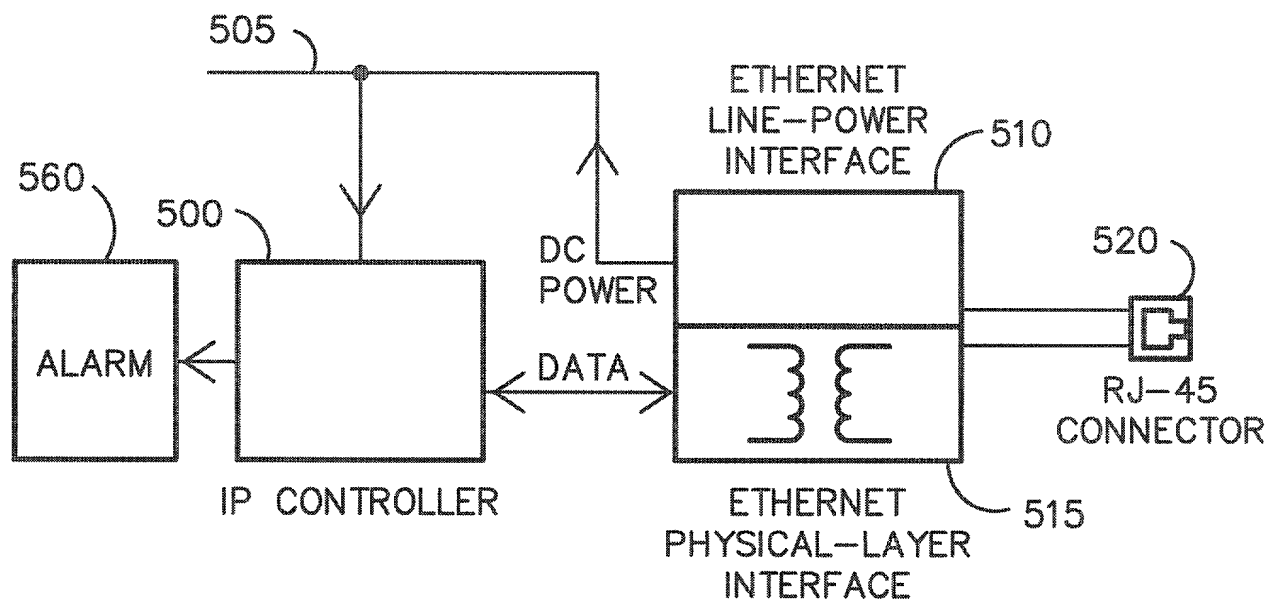
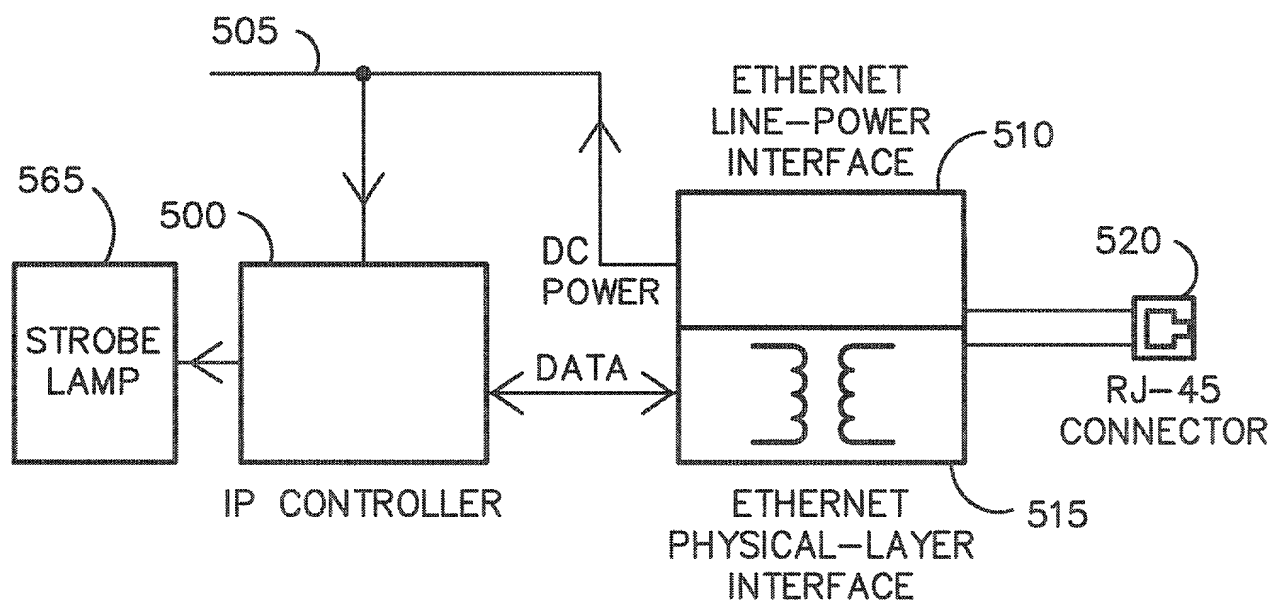
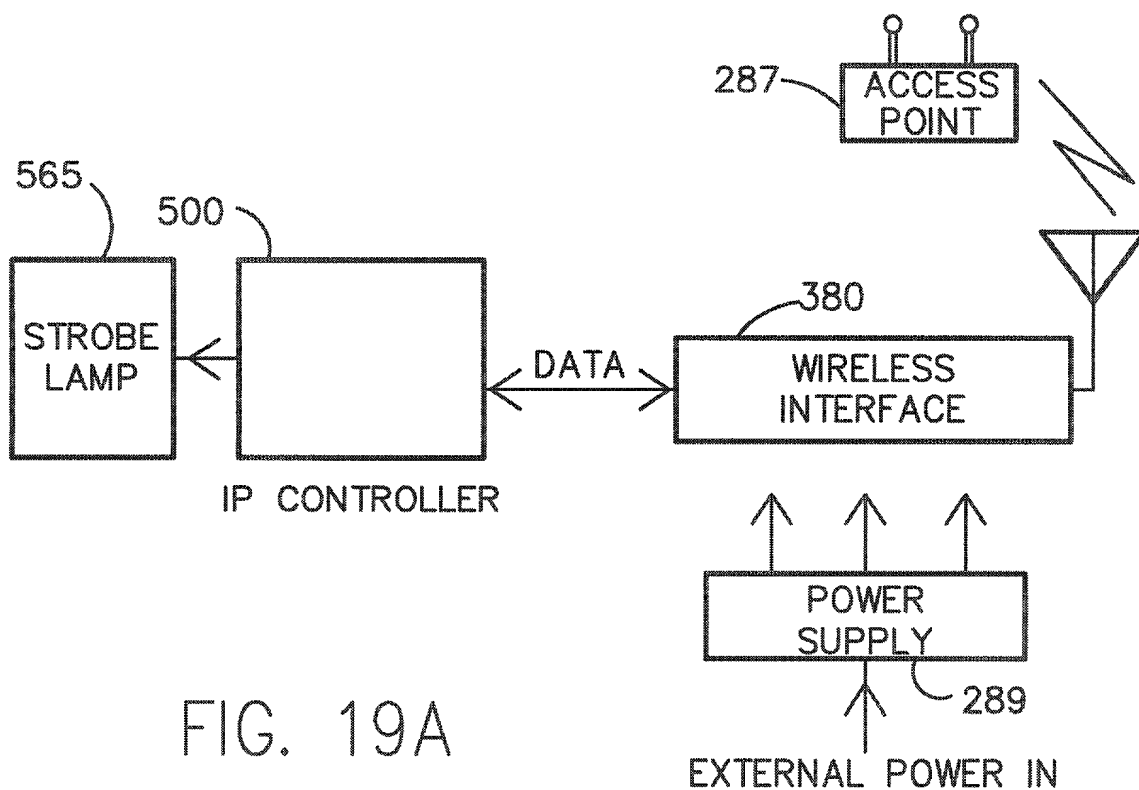
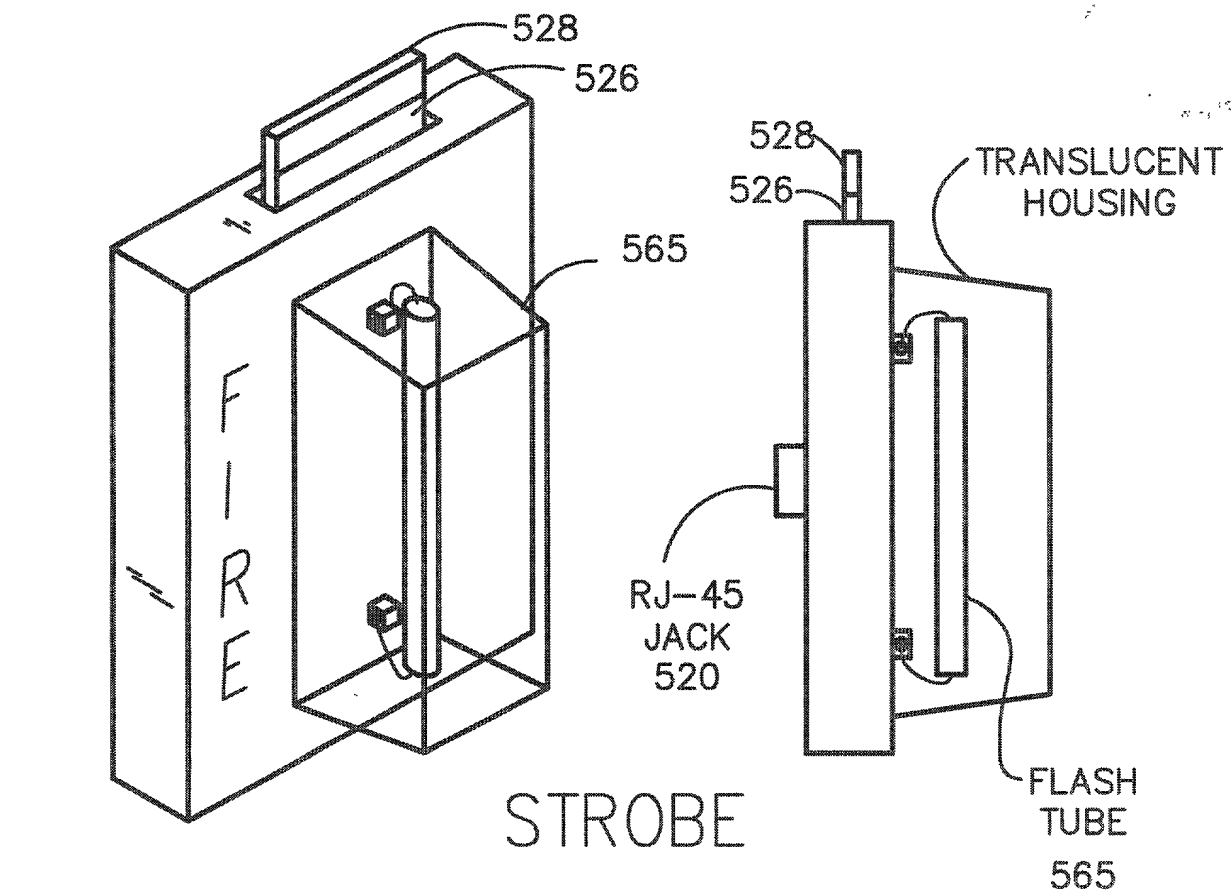
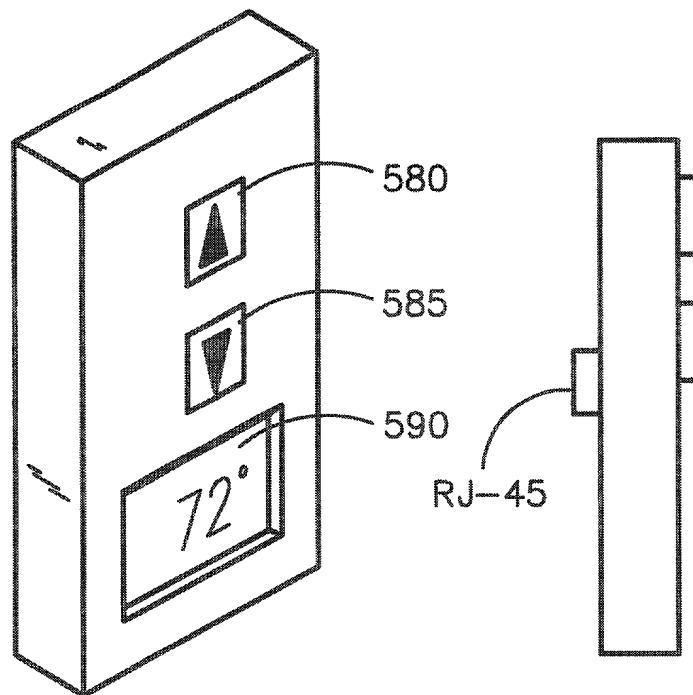


FIG. 18









# THERMOSTAT AND/OR HUMIDISTAT

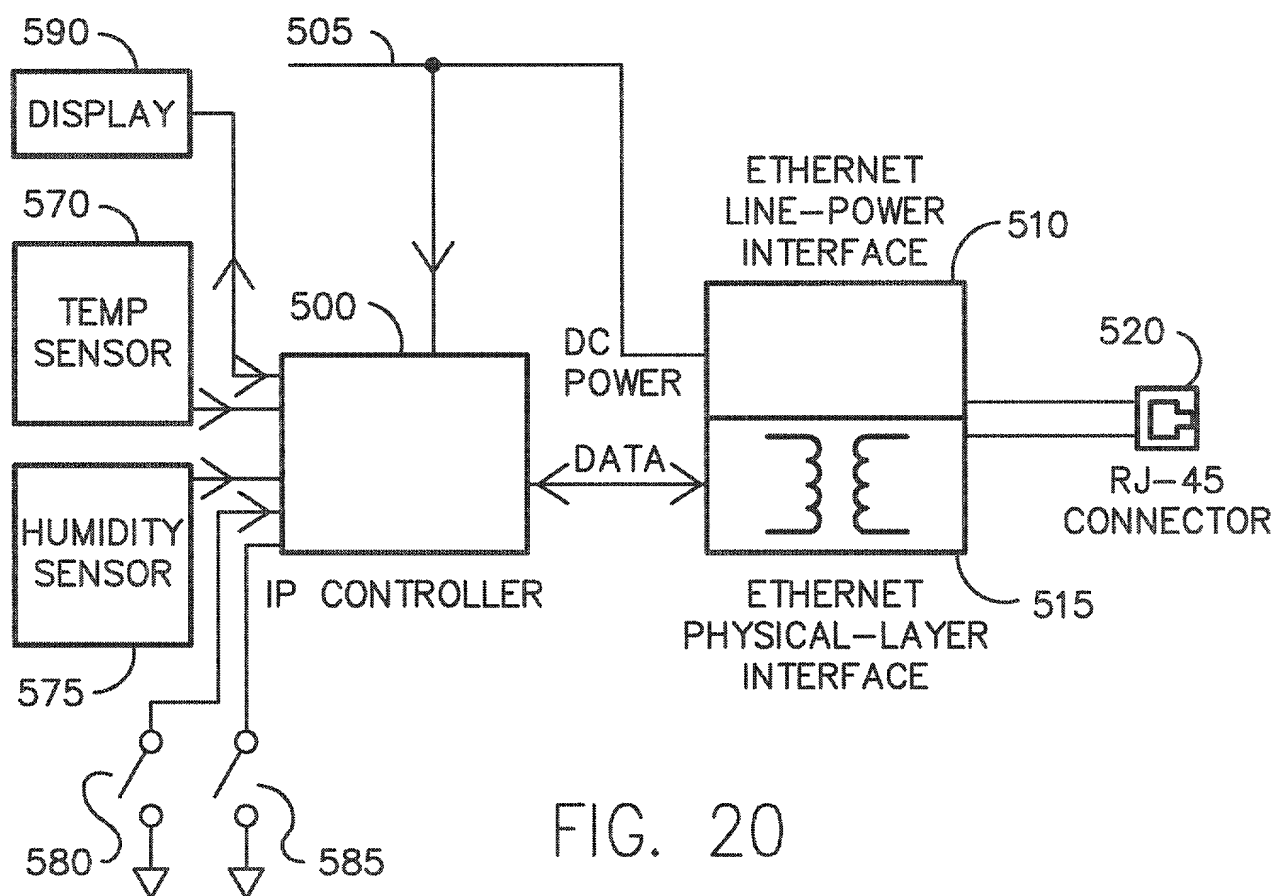
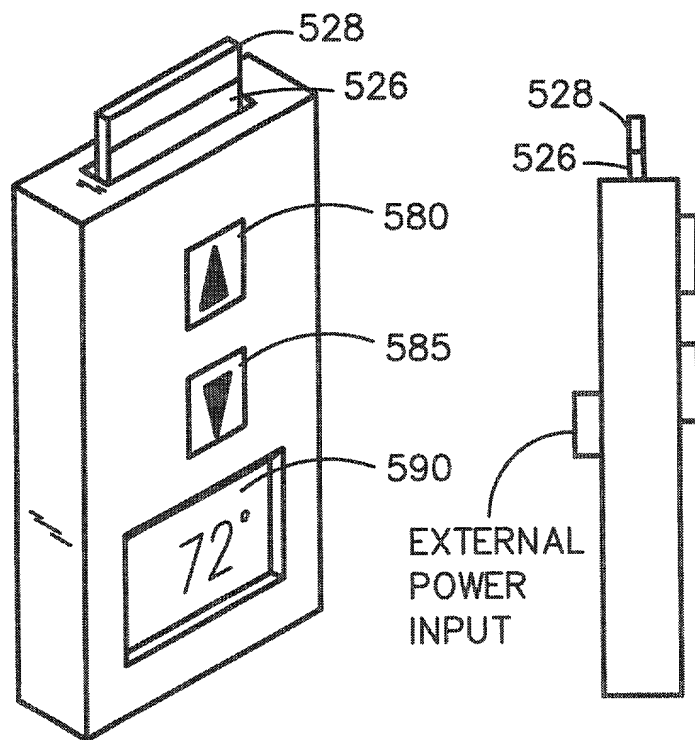


FIG. 20



# THERMOSTAT AND/OR HUMIDISTAT

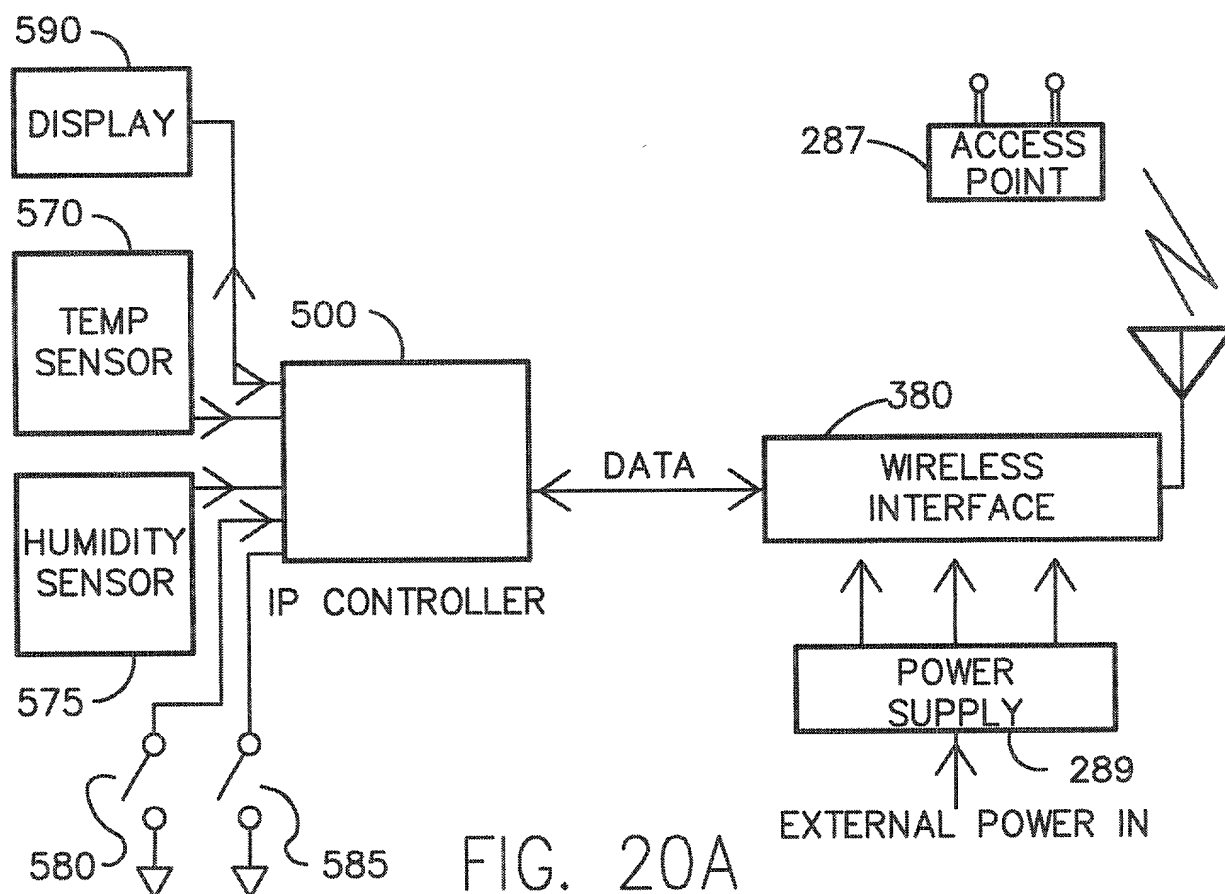


FIG. 20A

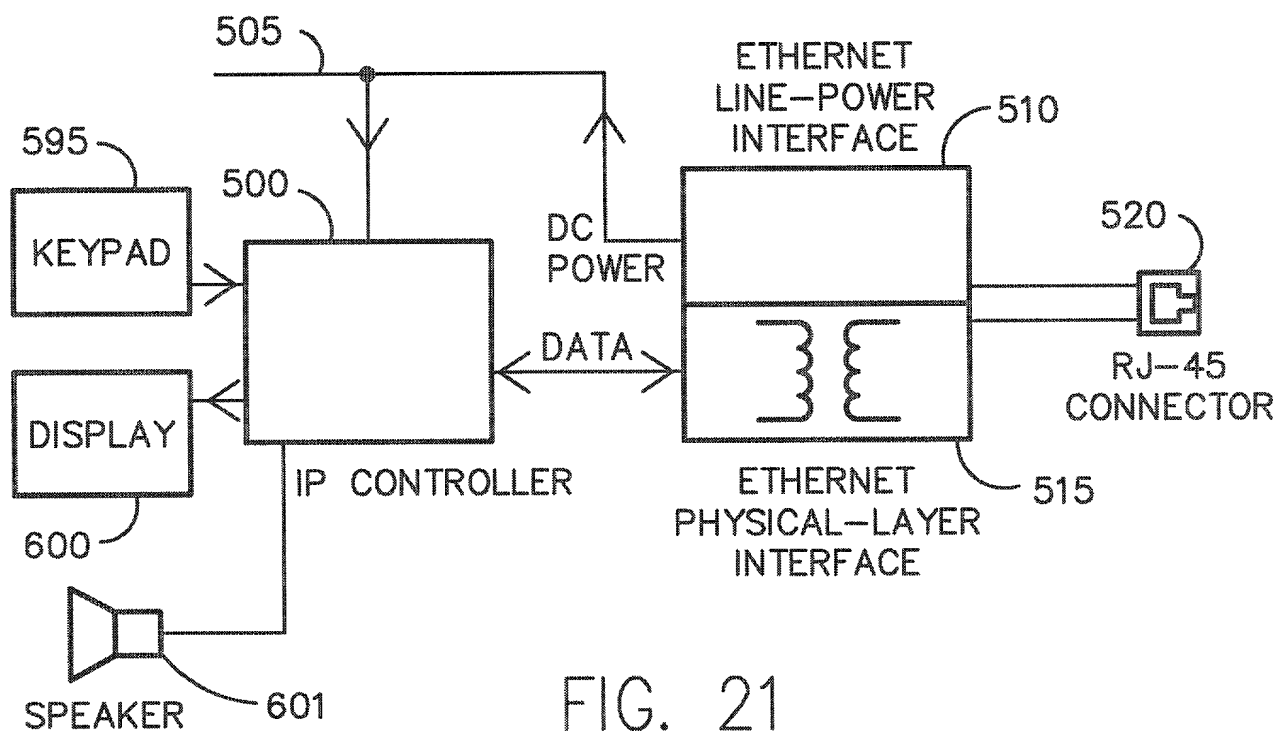
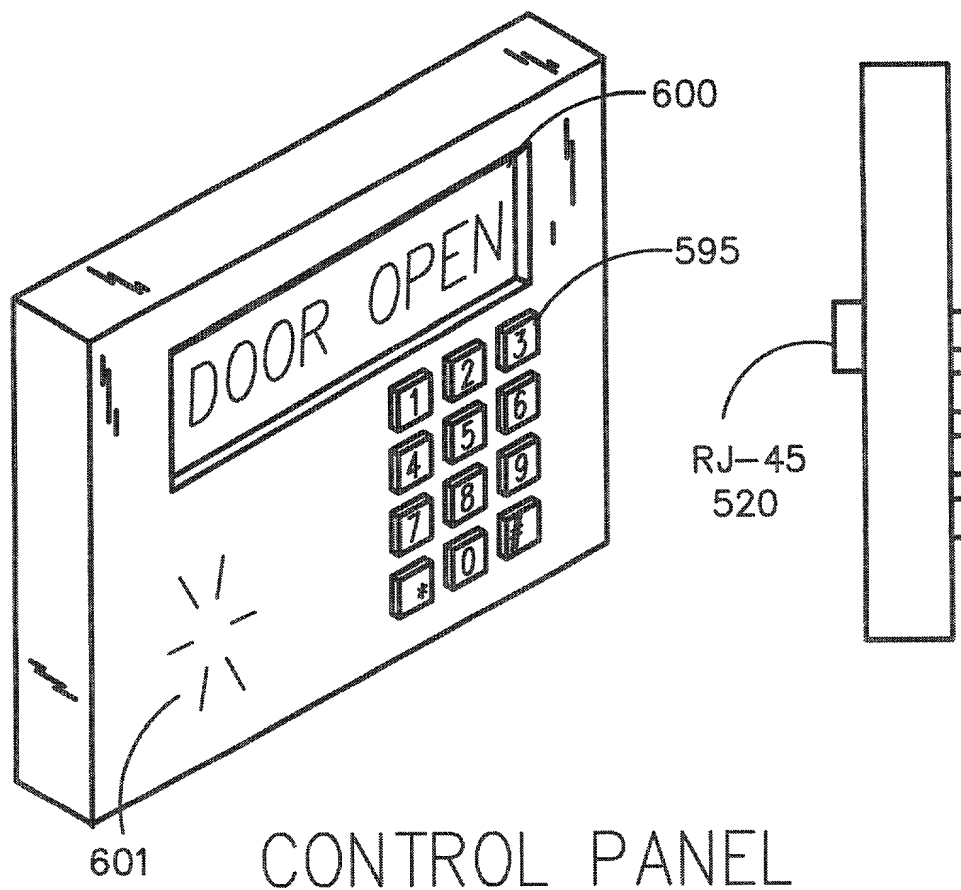


FIG. 21

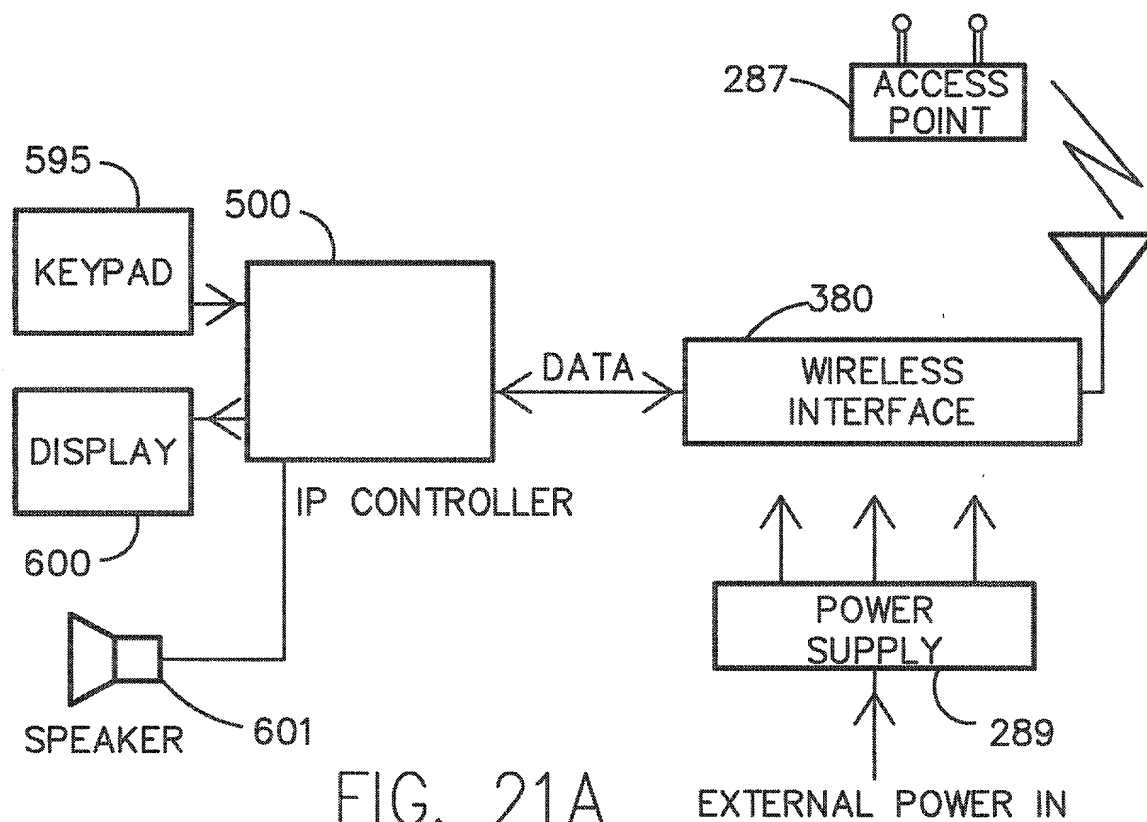
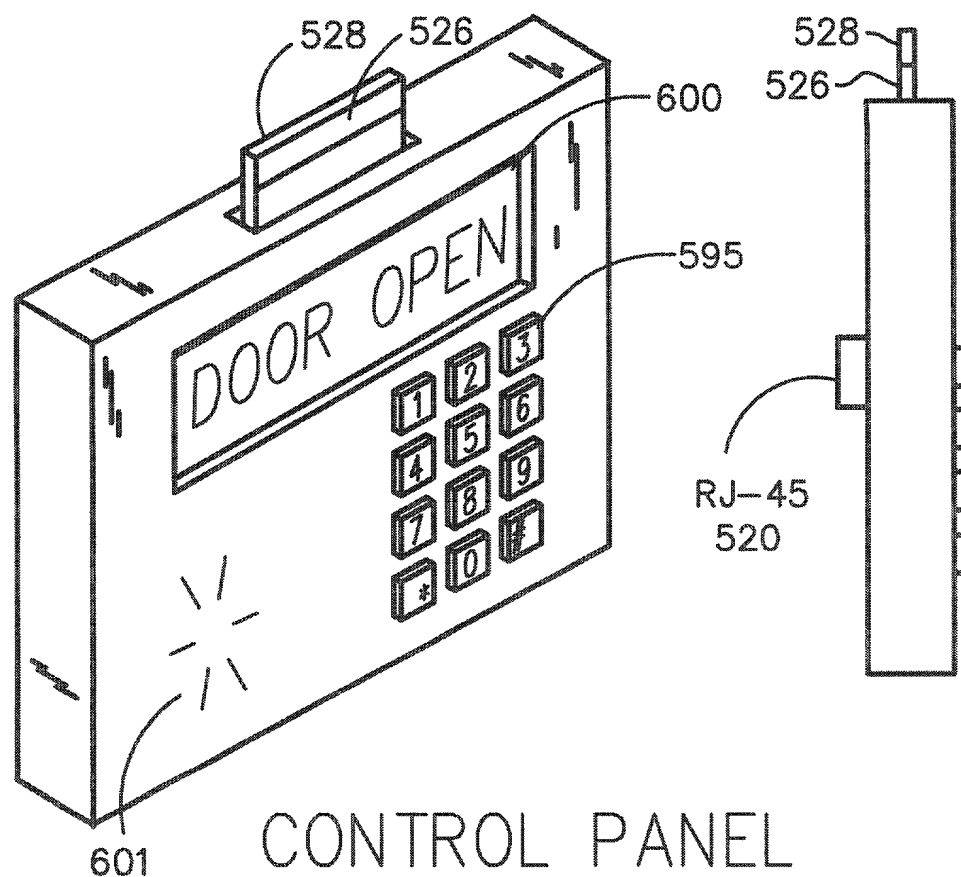
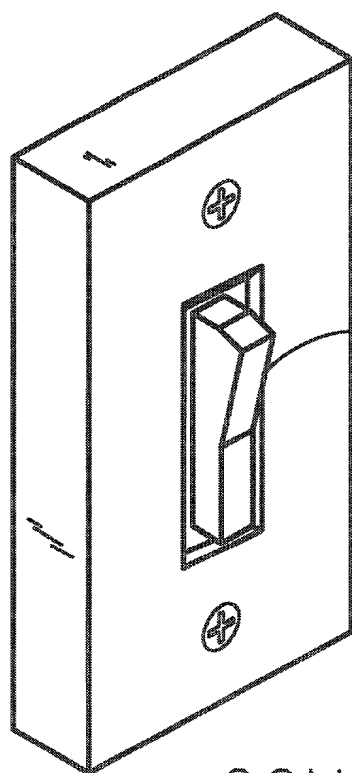
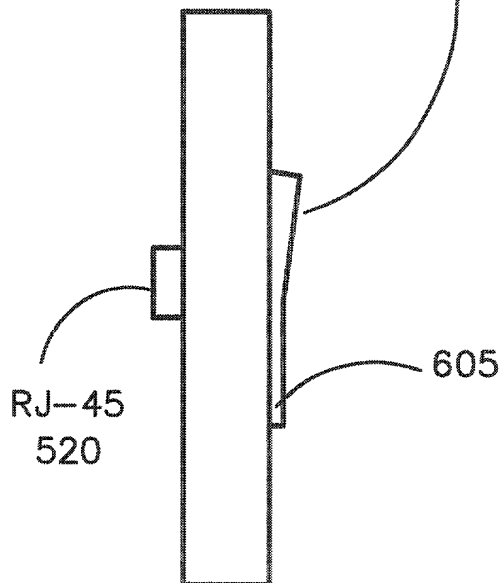


FIG. 21A



TOGGLE,  
ROCKER, OR  
SPRING RETURN PUSH BUTTON



CONTROL SWITCH

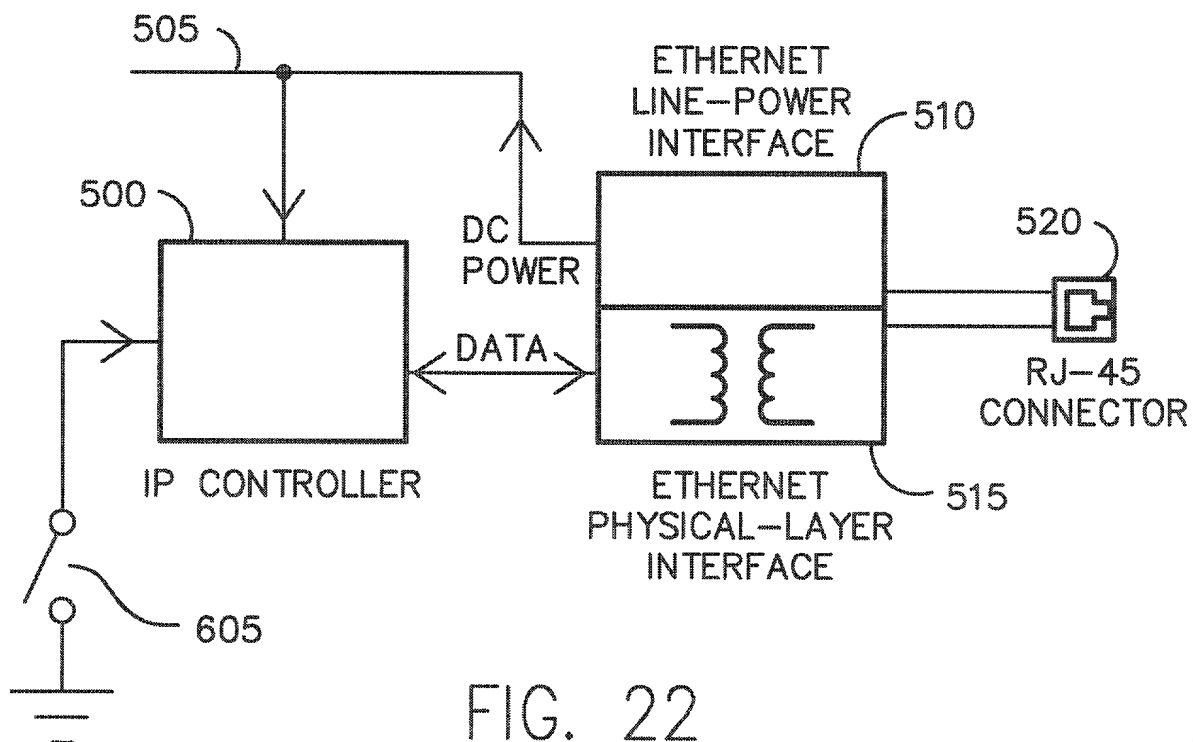
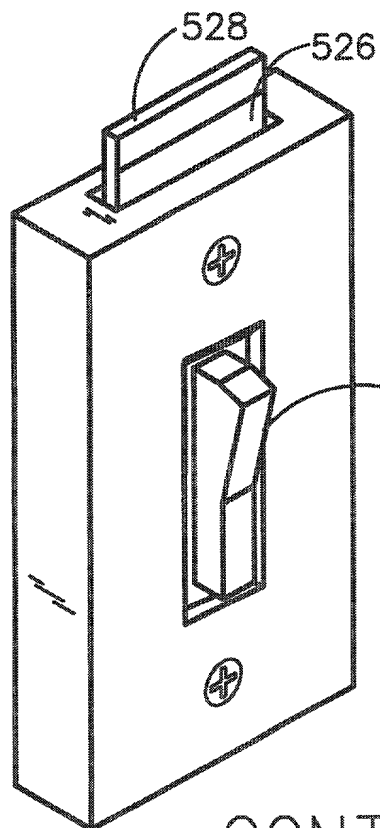
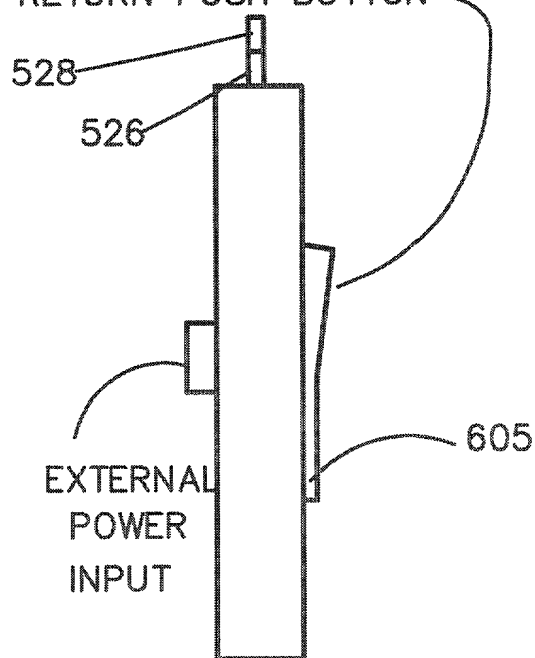


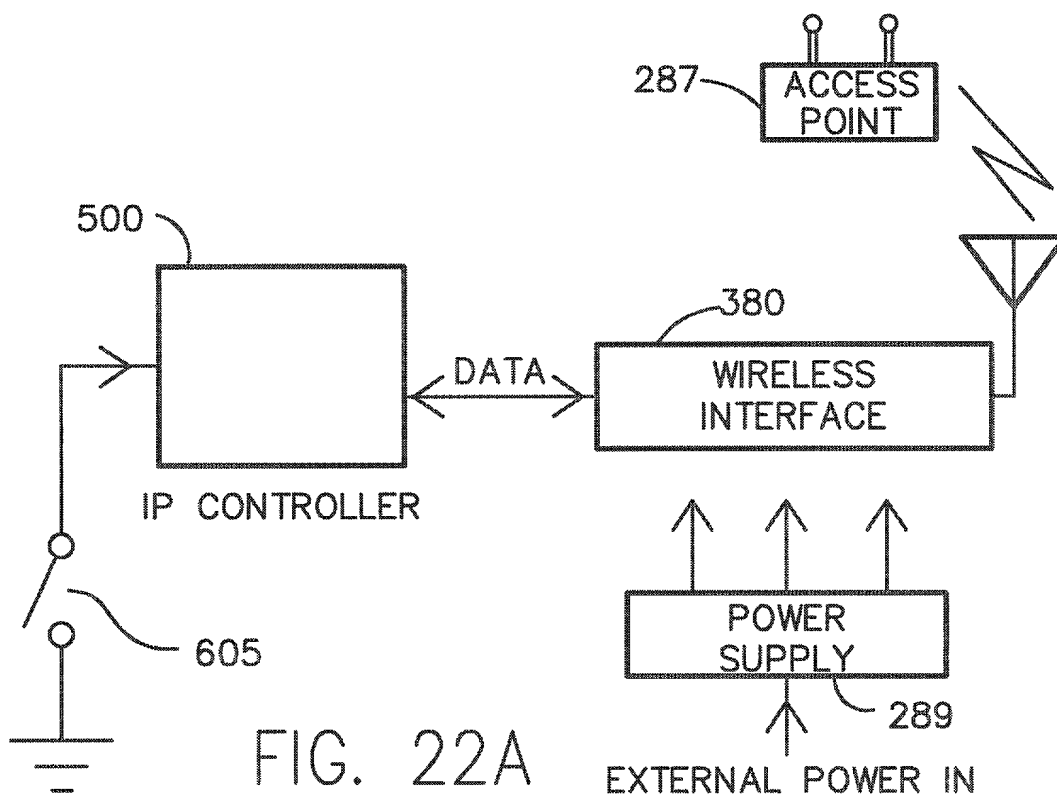
FIG. 22

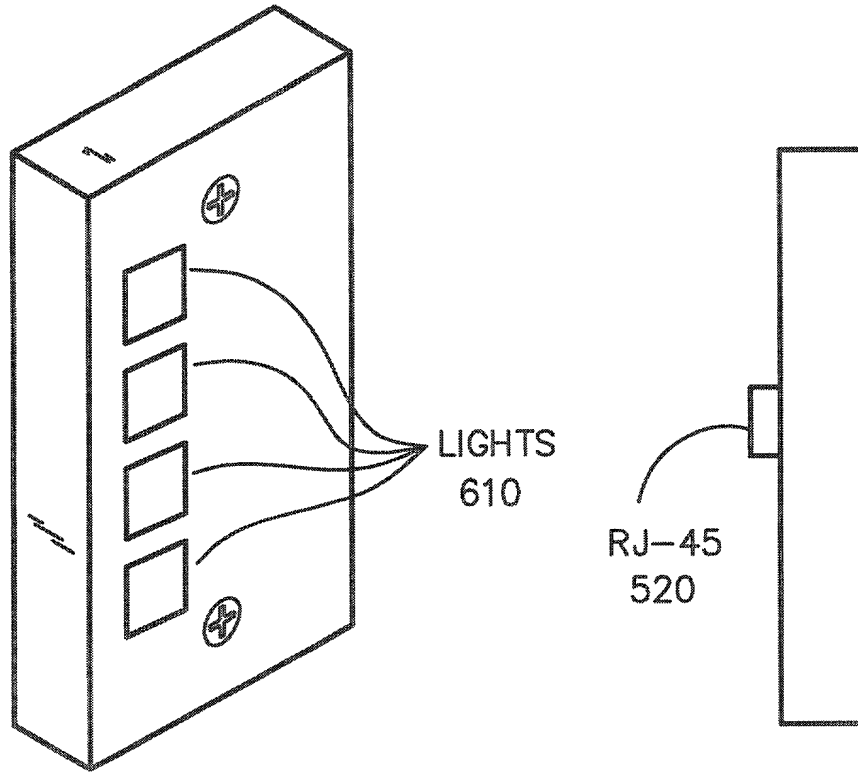


TOGGLE,  
ROCKER, OR  
SPRING RETURN PUSH BUTTON



CONTROL SWITCH





INDICATOR LIGHT

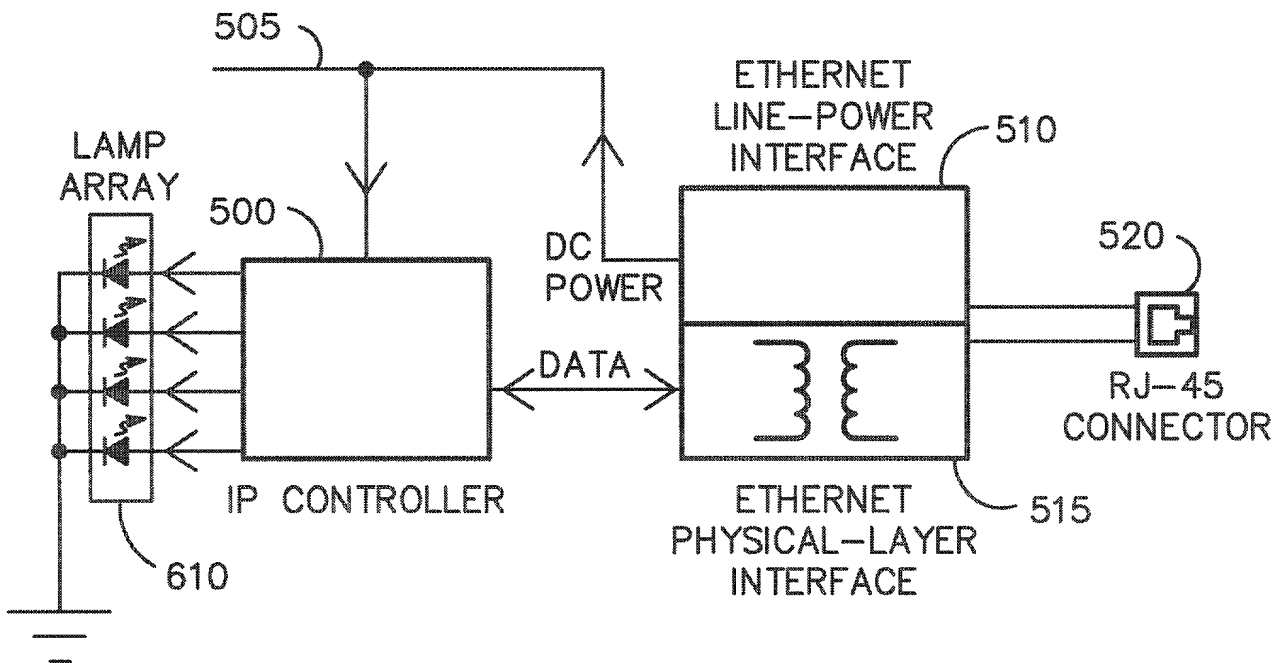
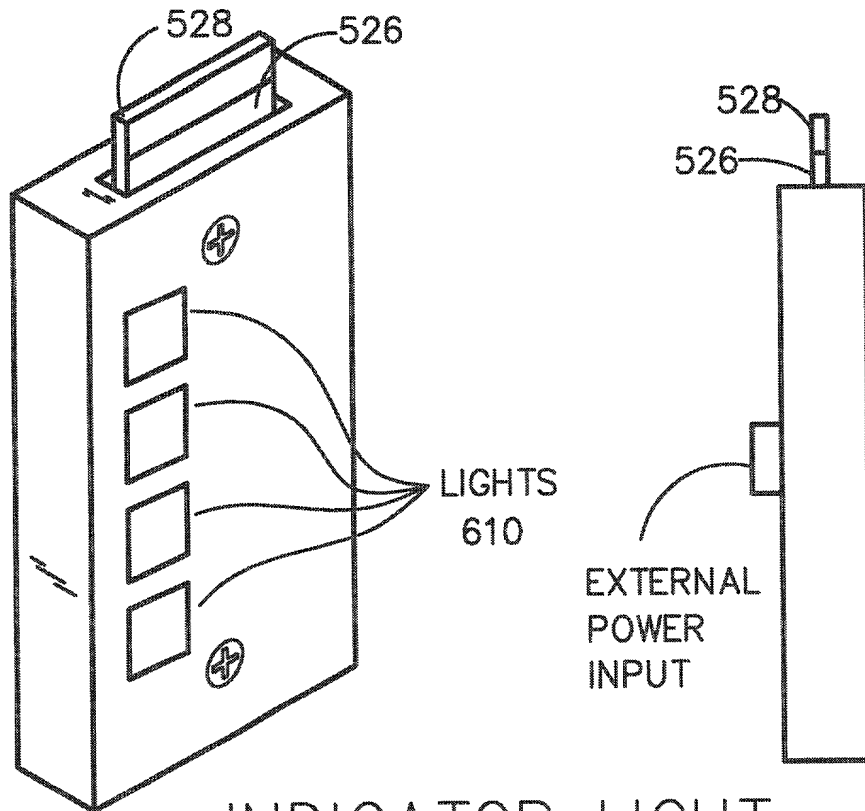


FIG. 23



INDICATOR LIGHT

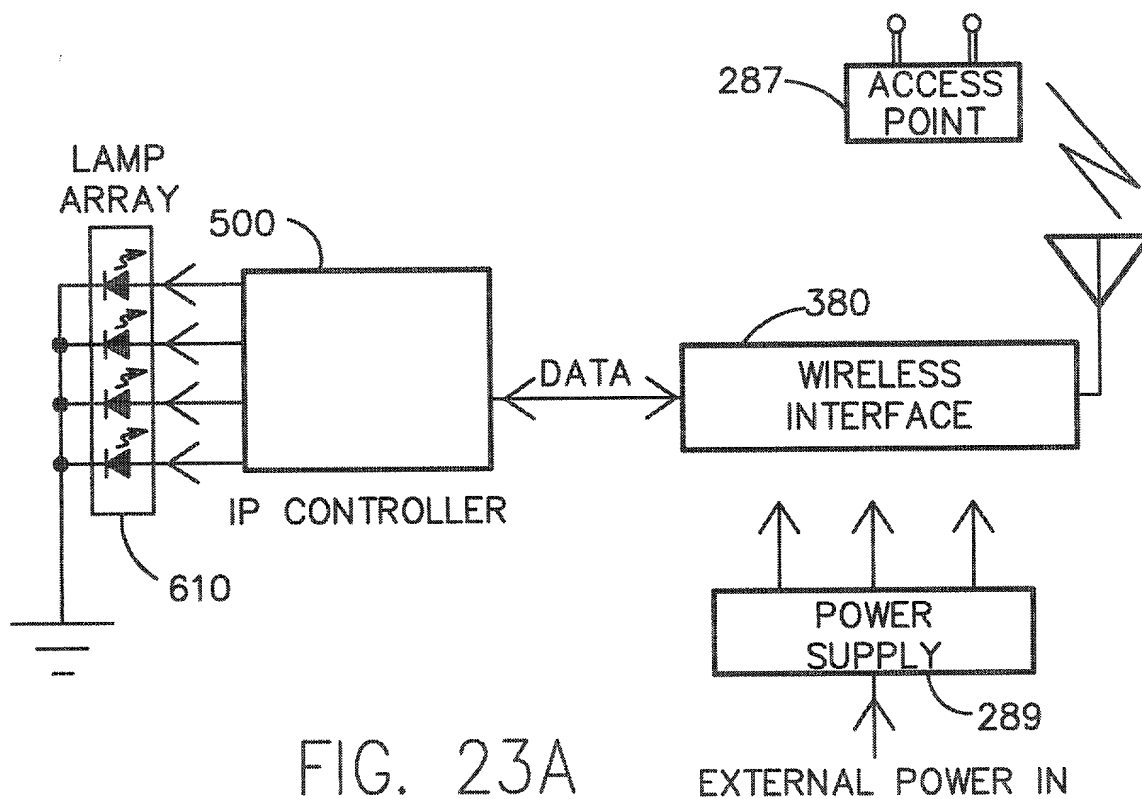
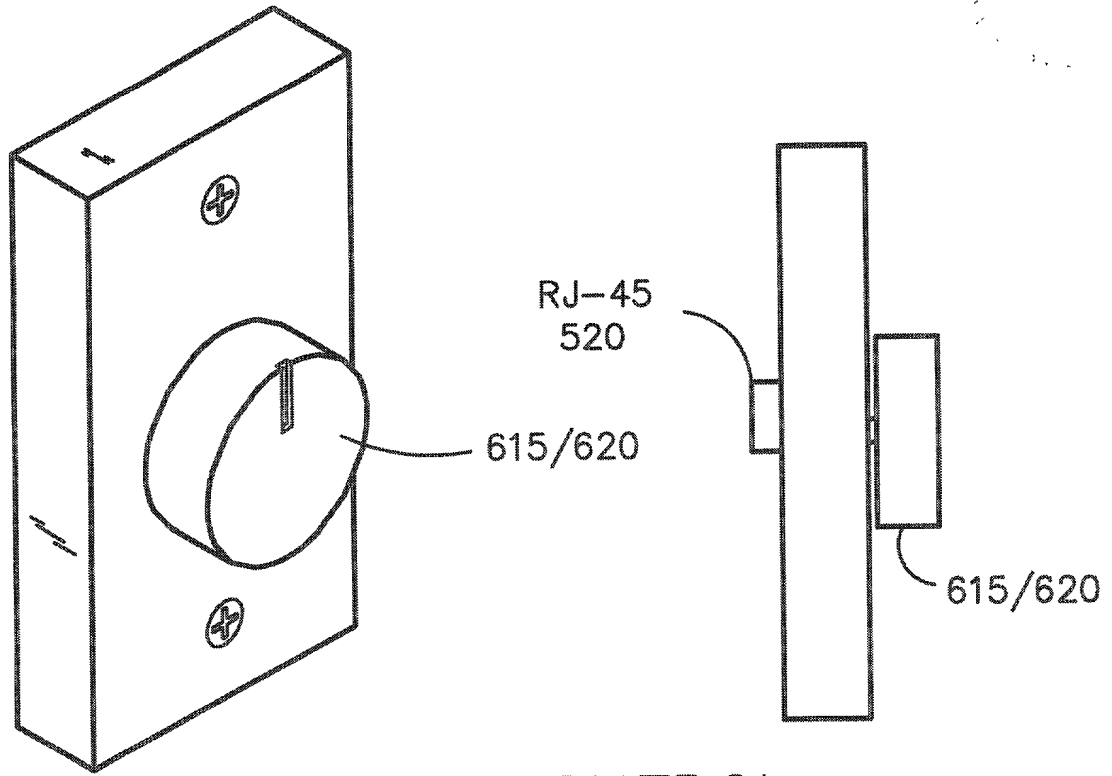


FIG. 23A



ANALOG CONTROL

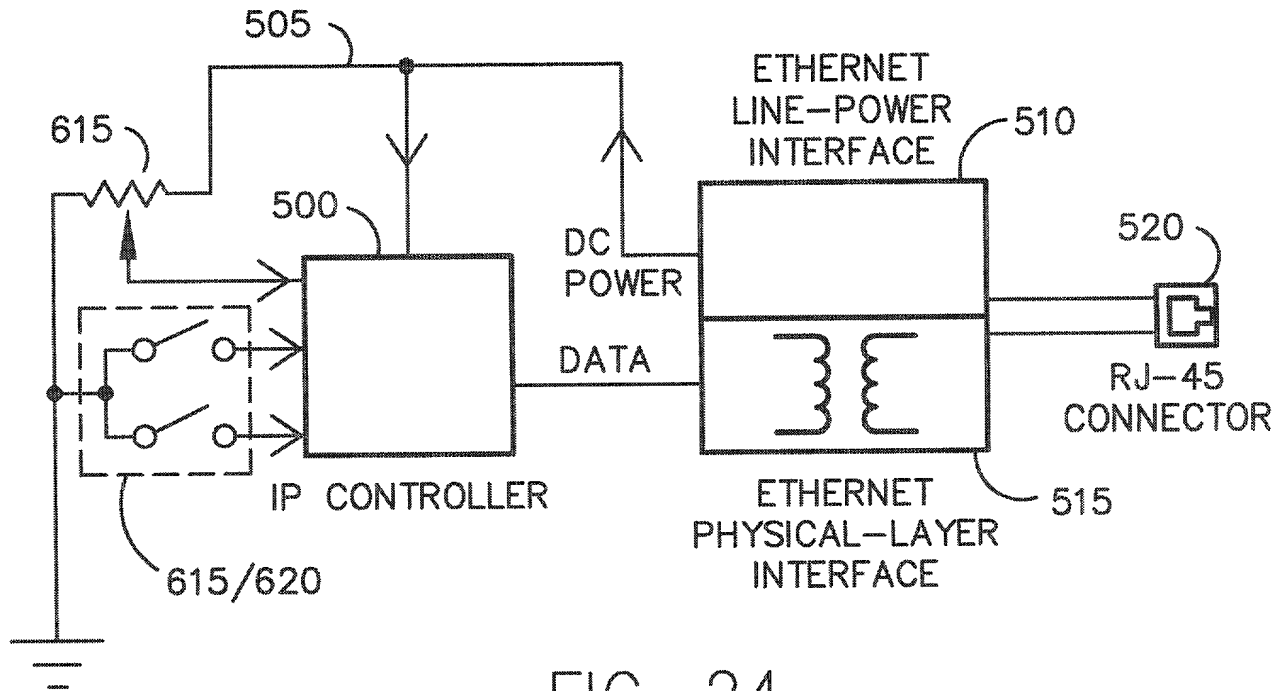
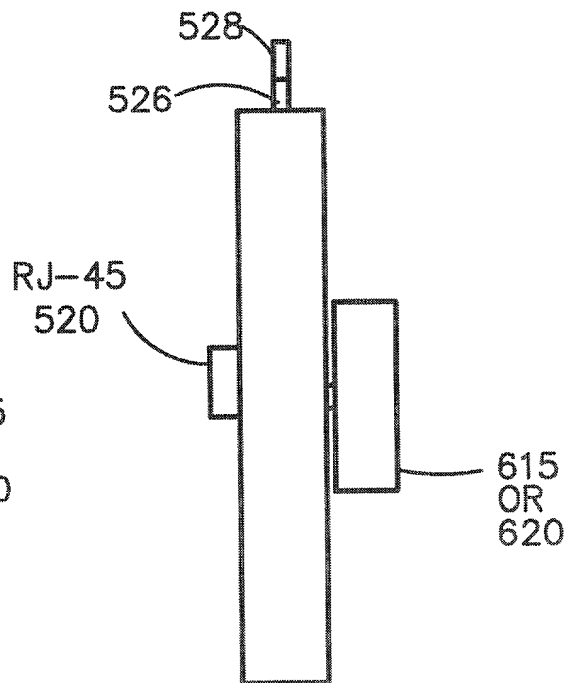
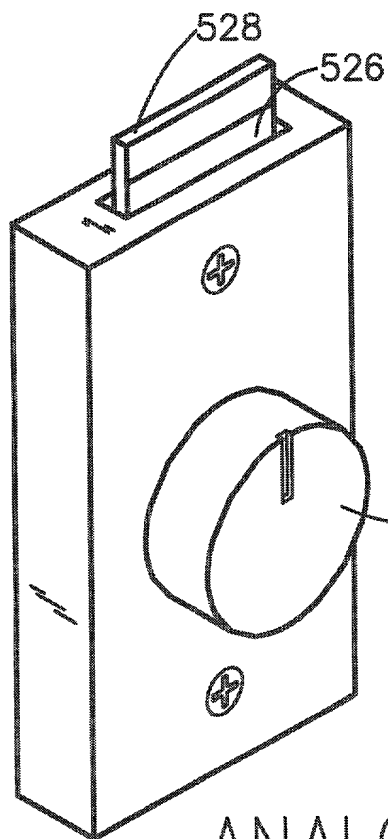


FIG. 24



# ANALOG CONTROL

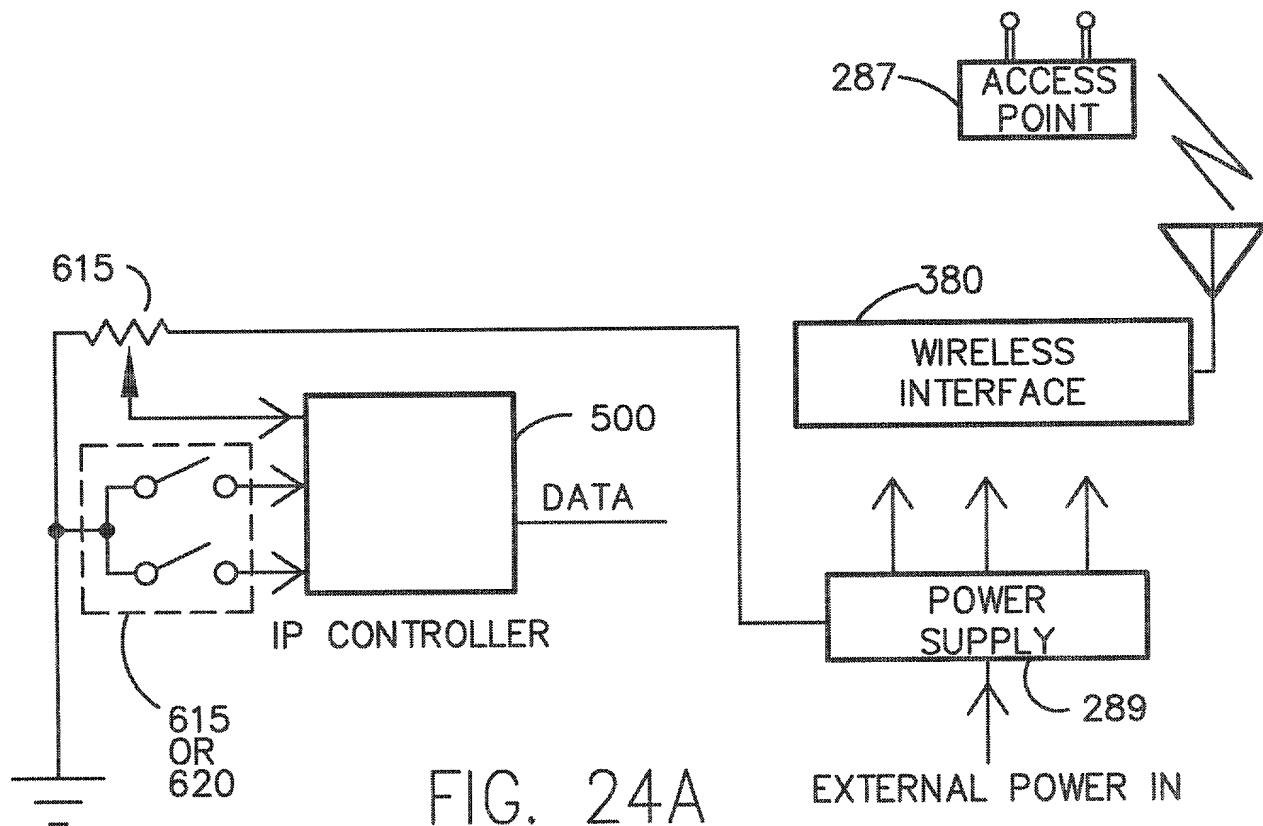
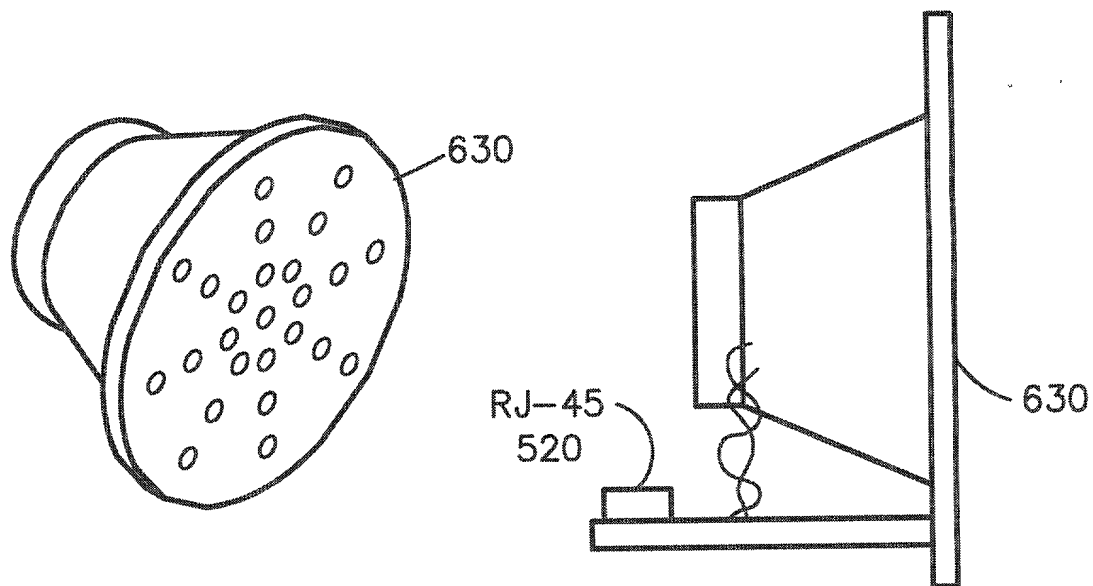


FIG. 24A



# LOUDSPEAKER WITH AMPLIFIER

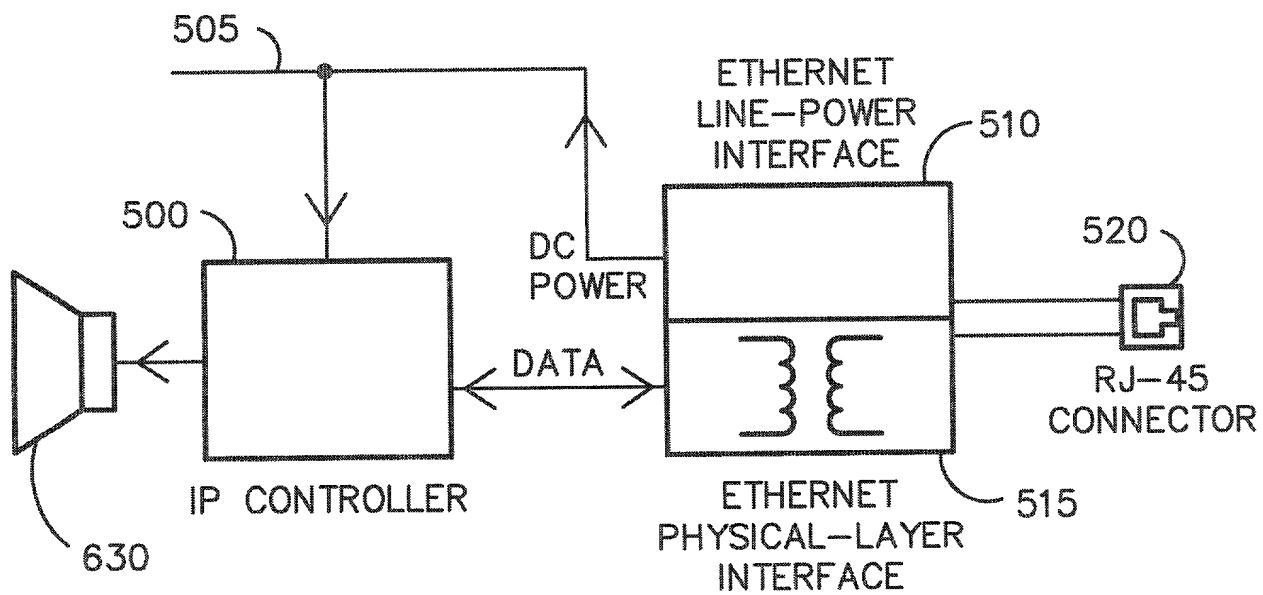
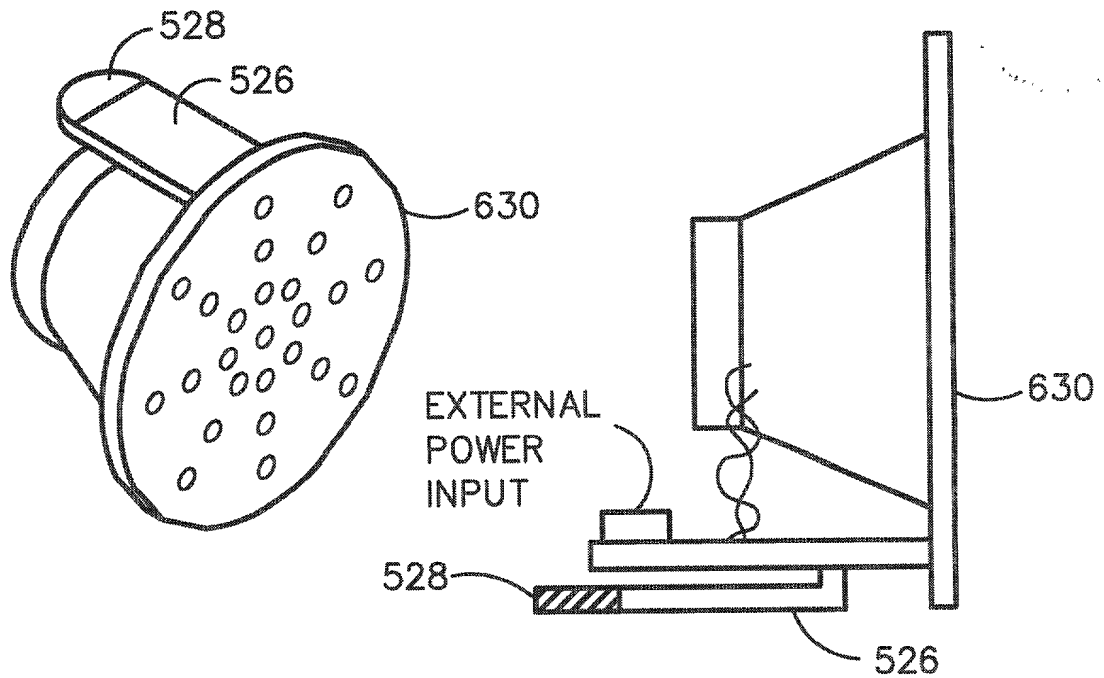


FIG. 25



# LOUDSPEAKER WITH AMPLIFIER

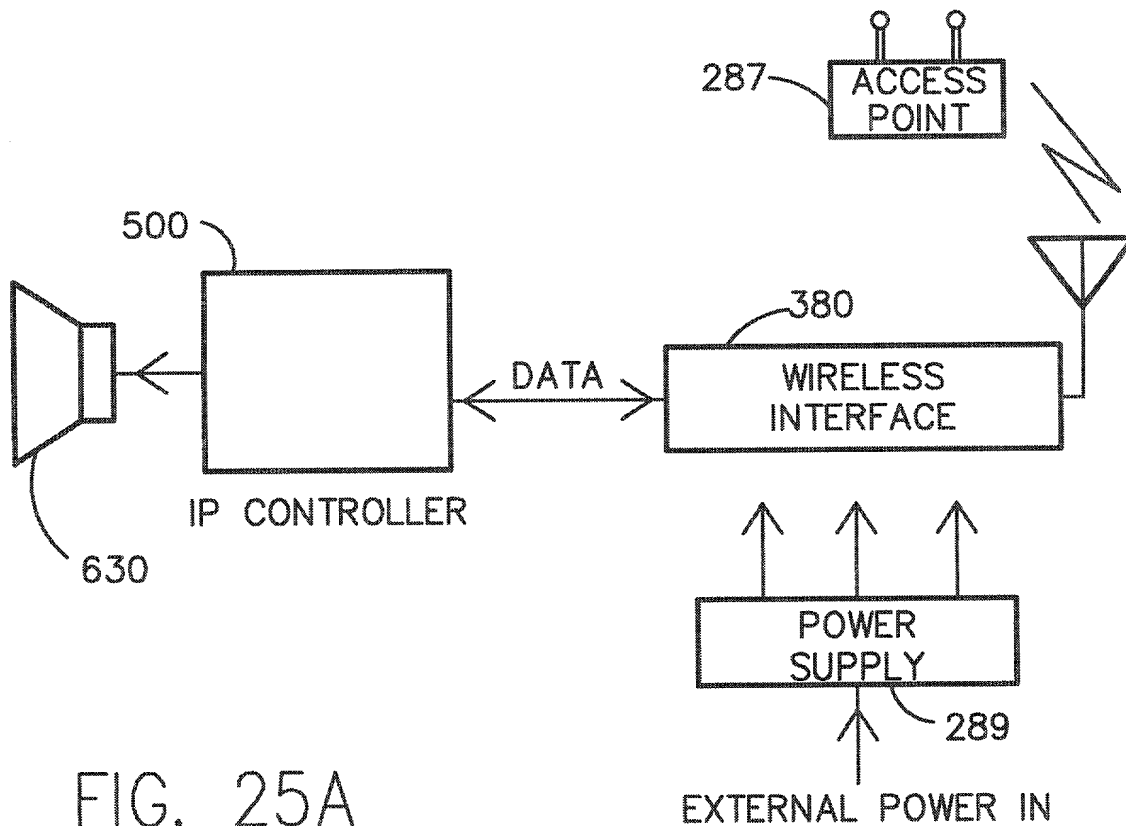
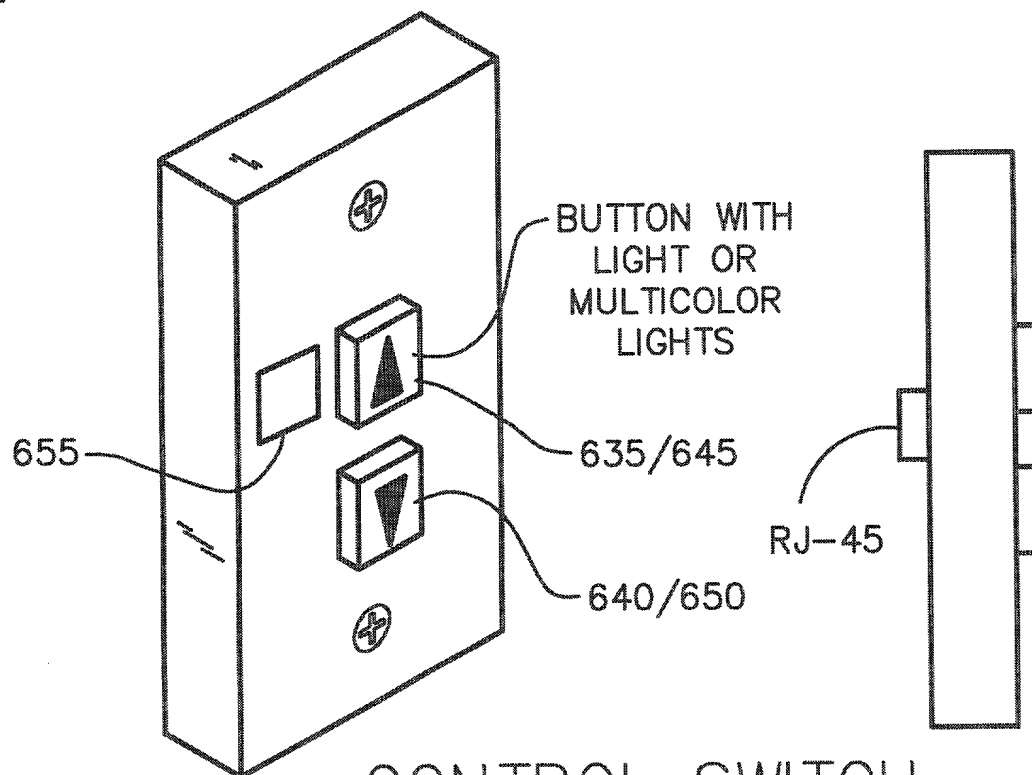


FIG. 25A



CONTROL SWITCH  
INDICATOR LIGHT

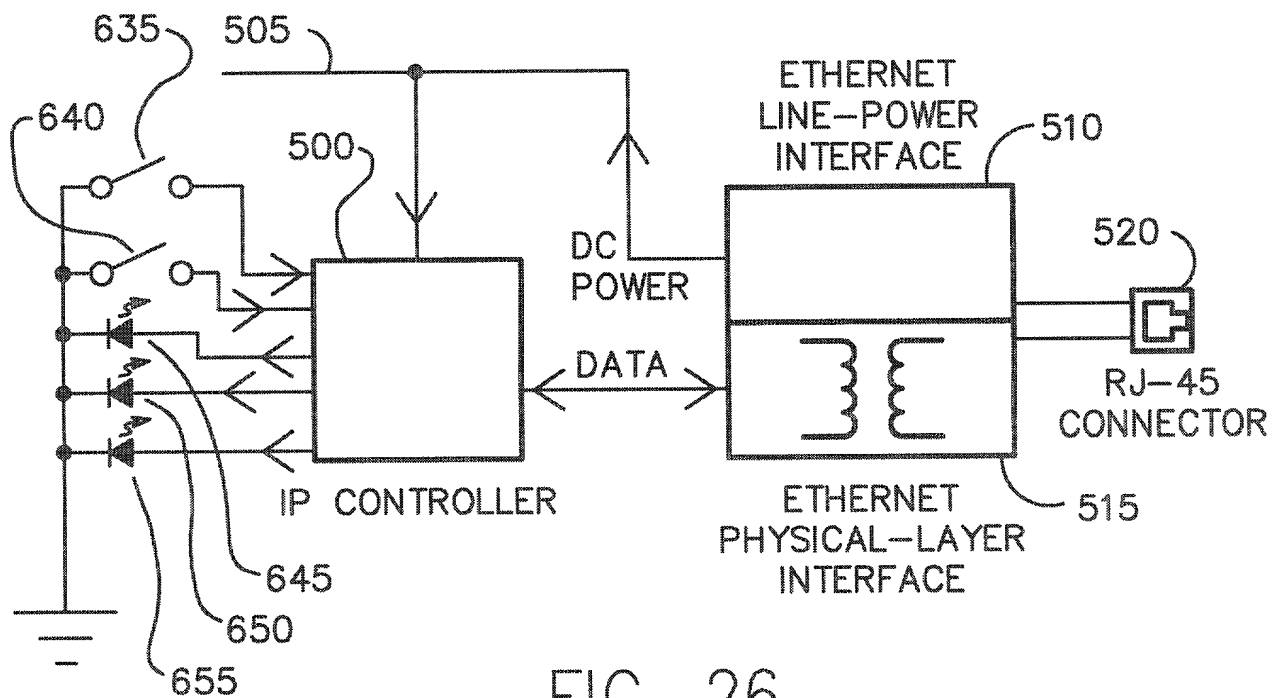
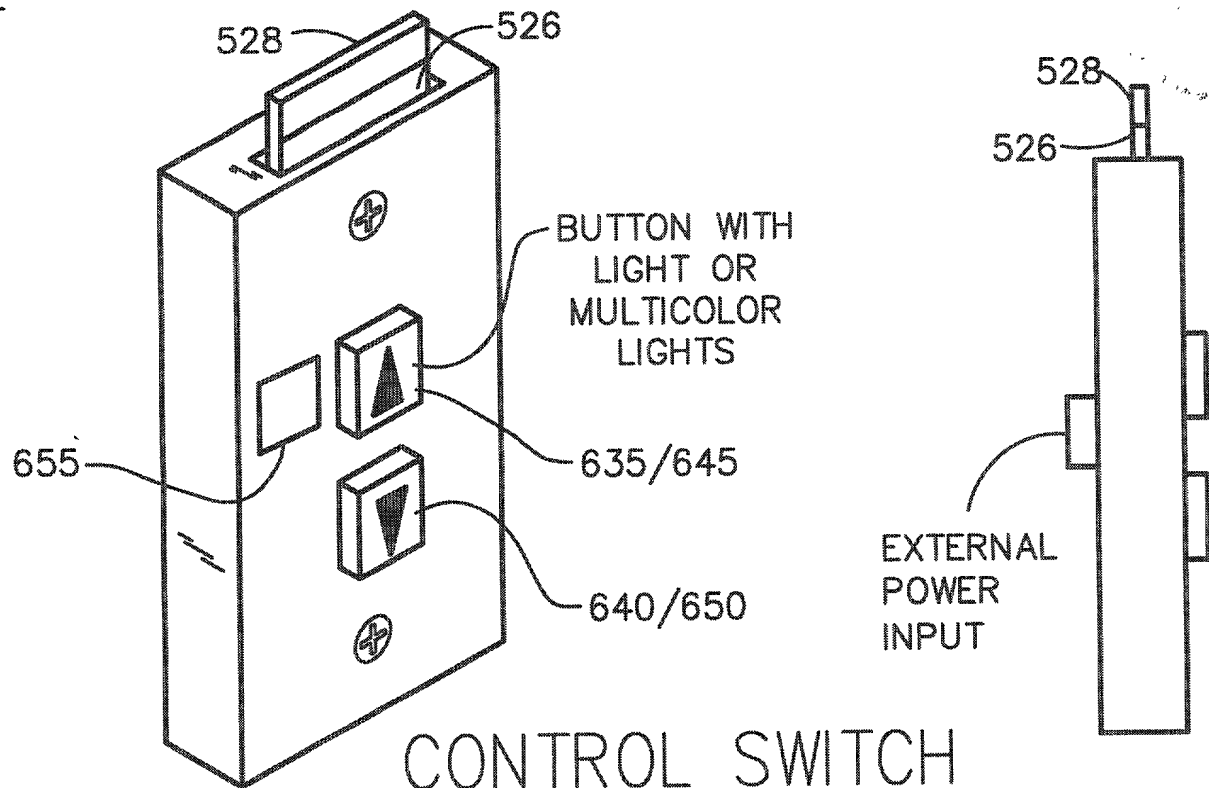


FIG. 26



CONTROL SWITCH  
INDICATOR LIGHT

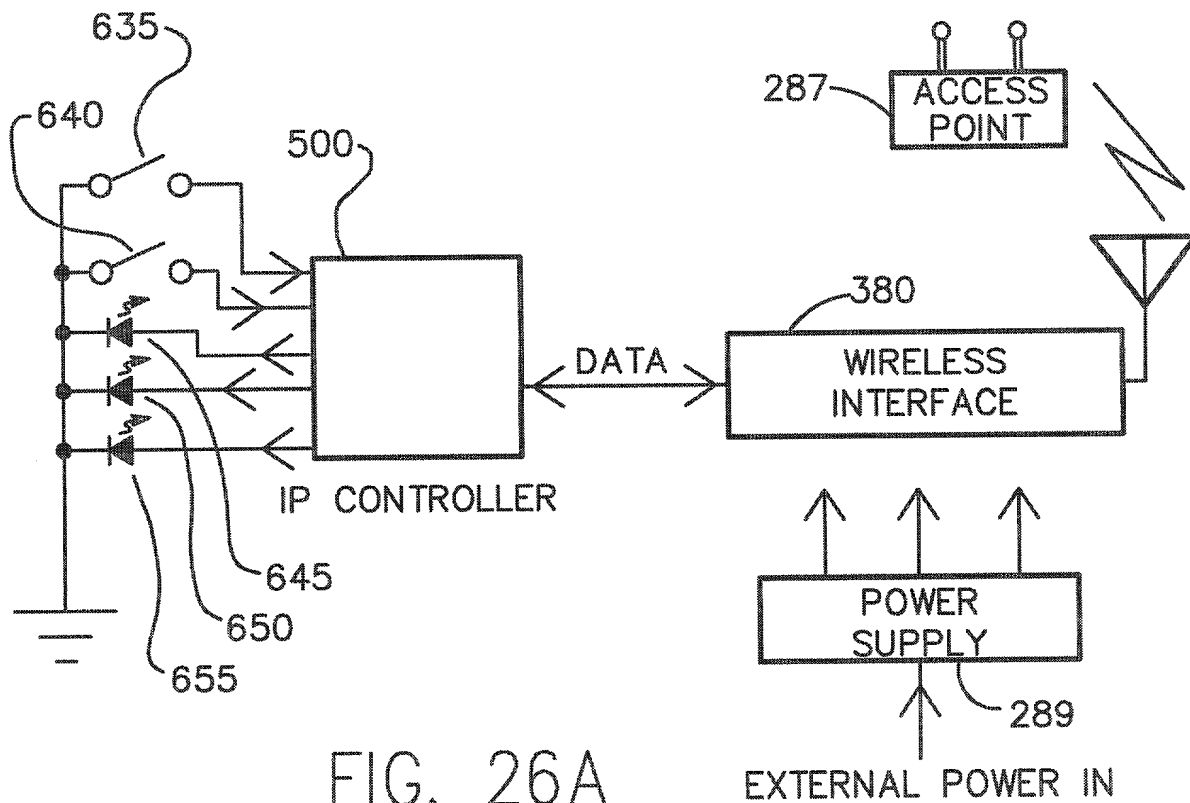
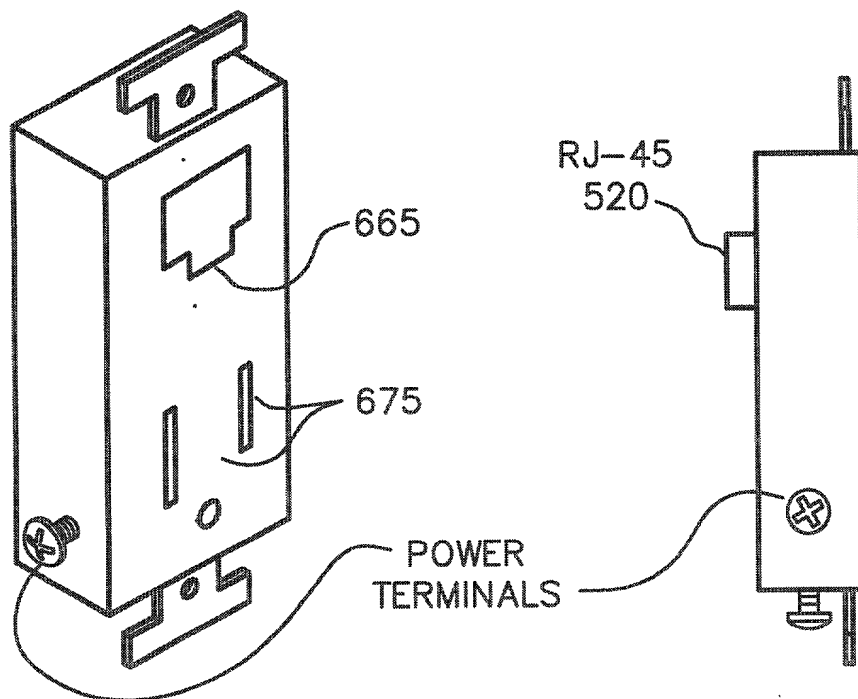
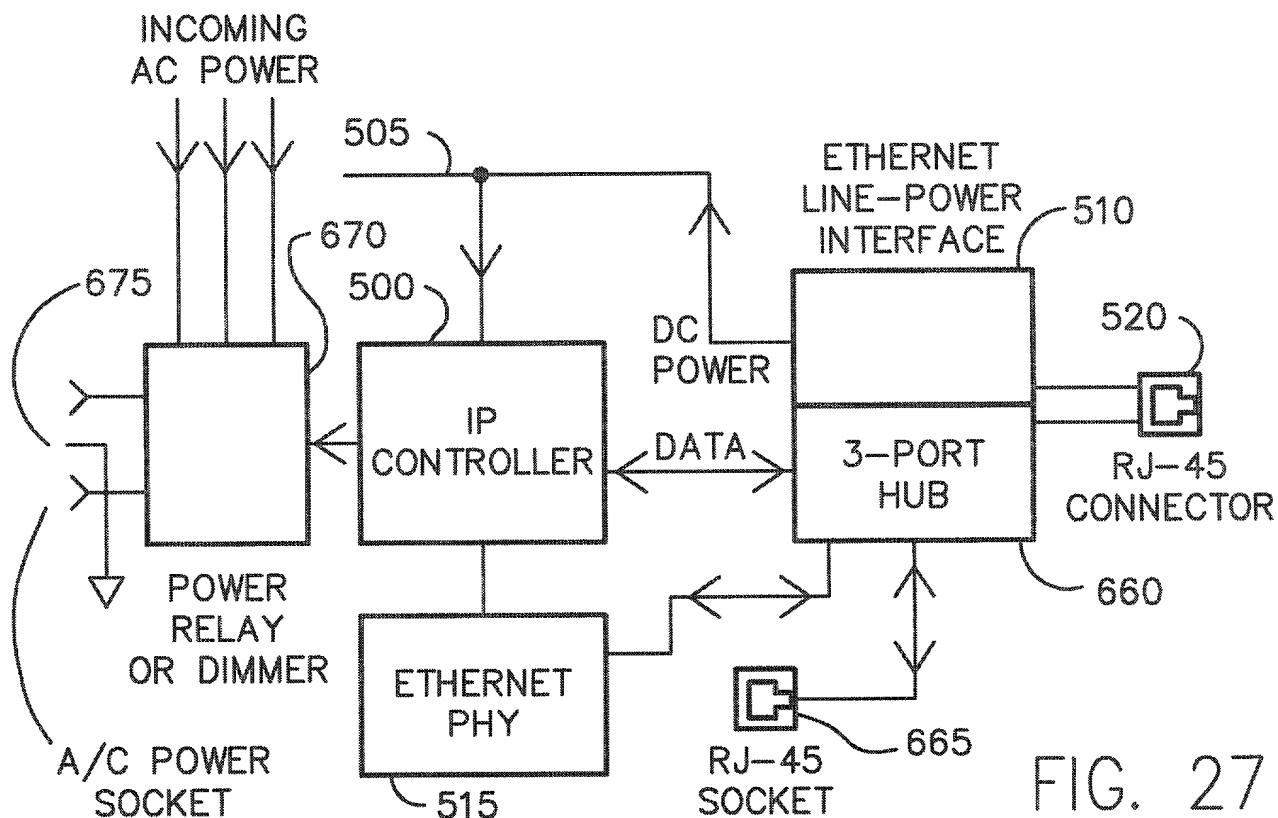
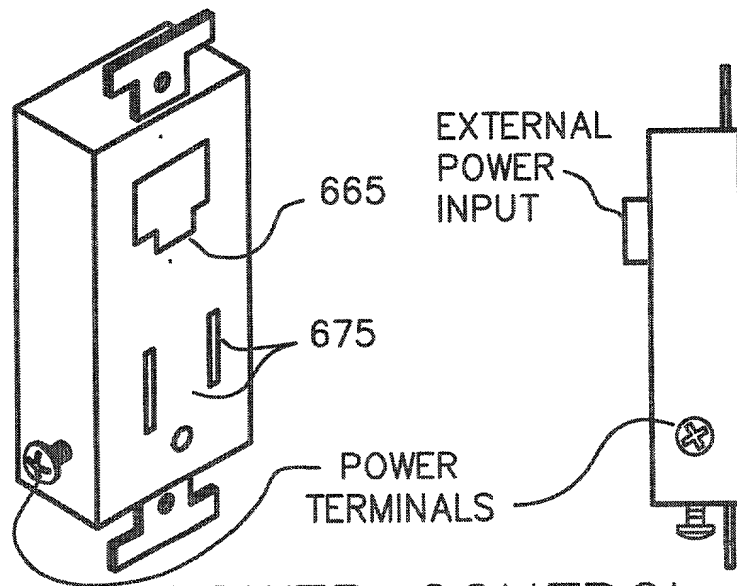


FIG. 26A



POWER CONTROL  
(SWITCH OR DIMMER)





POWER CONTROL  
(SWITCH OR DIMMER)

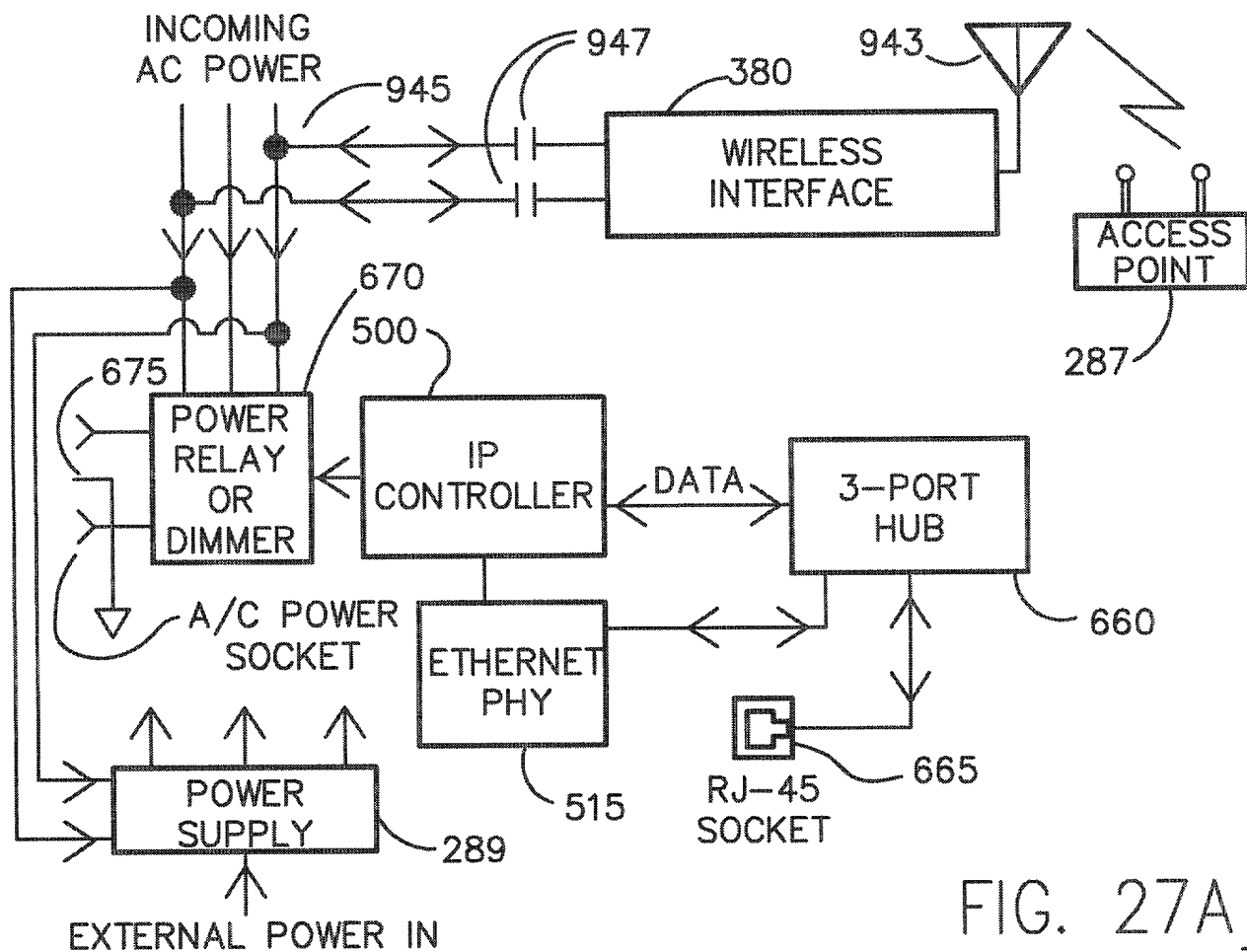
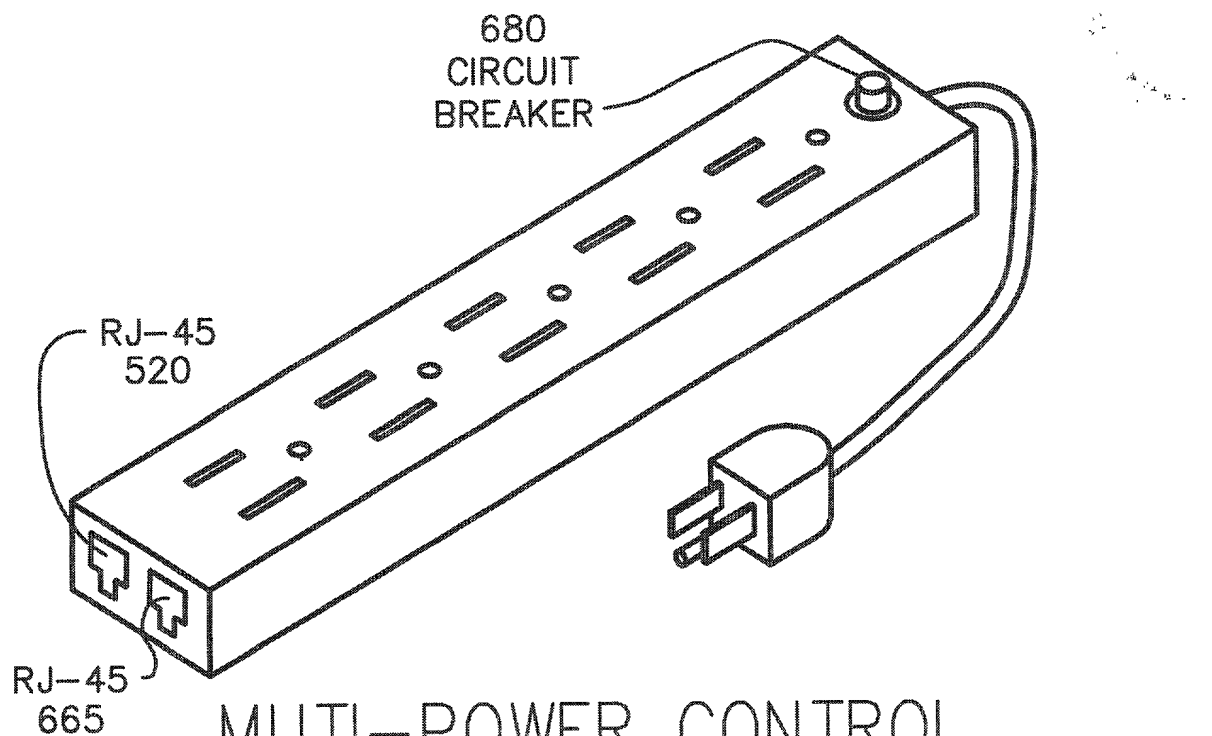


FIG. 27A

09966130-010802



## MUTI-POWER CONTROL MULTIPLE SWITCH AND/OR DIMMER

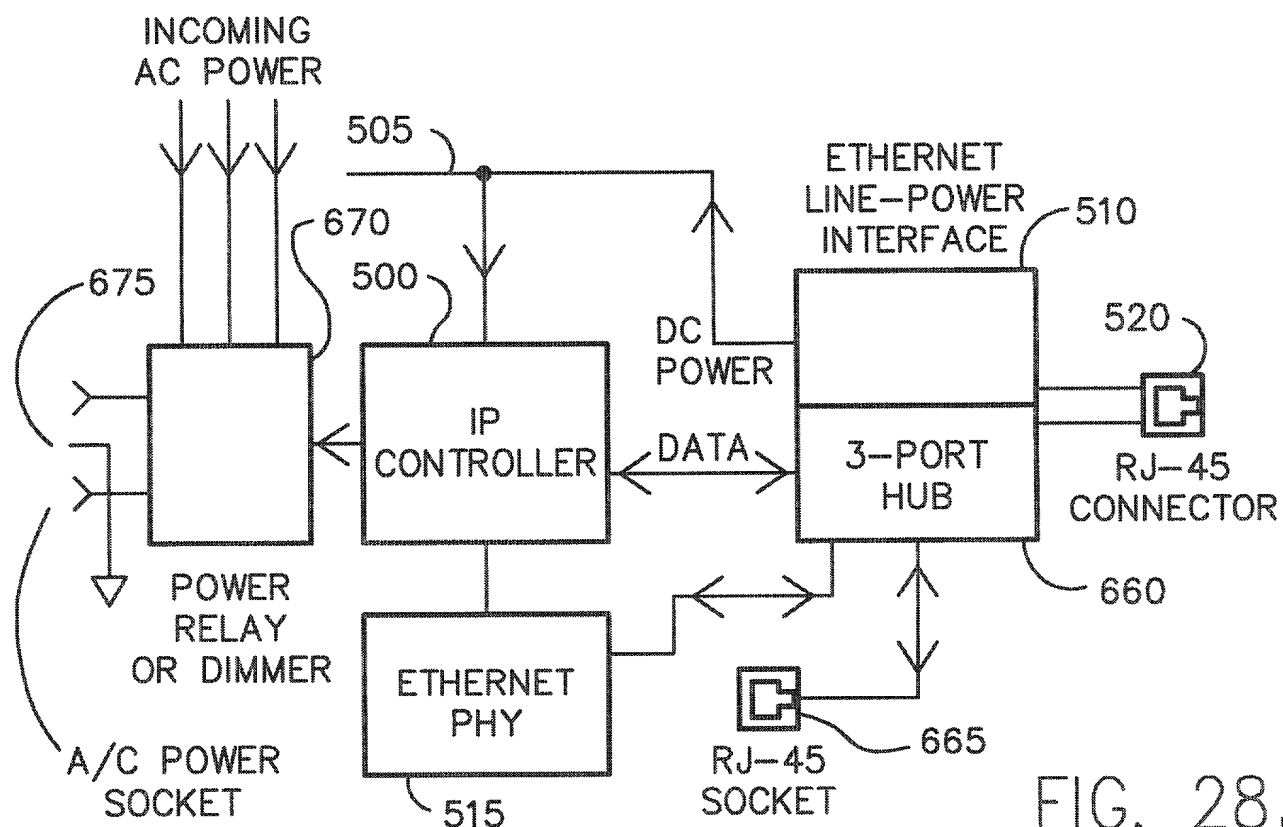
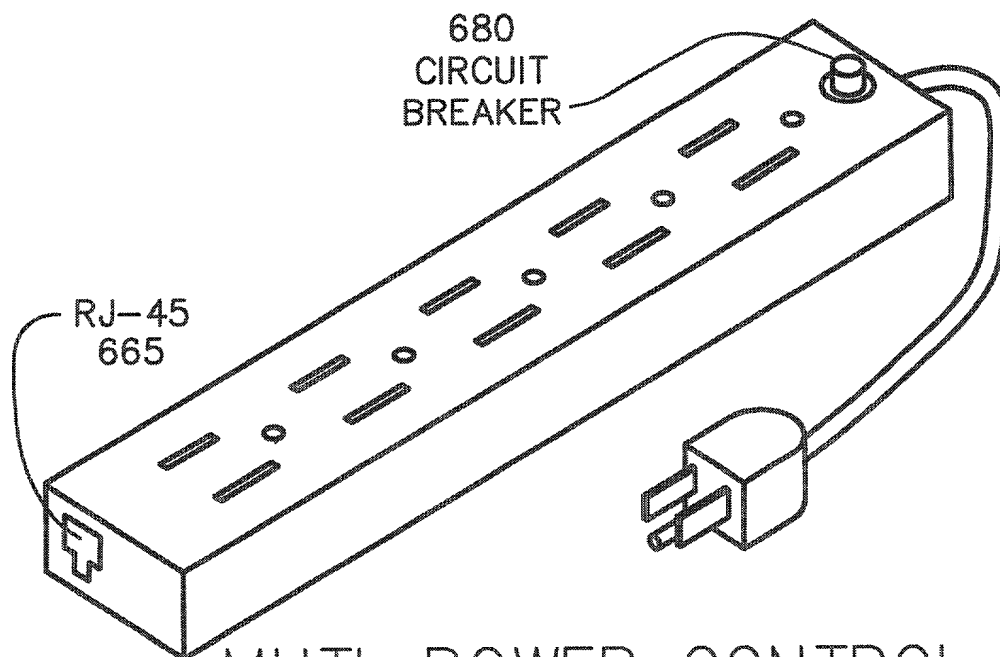


FIG. 28<sub>+</sub>



MULTI-POWER CONTROL  
MULTIPLE SWITCH AND/OR DIMMER

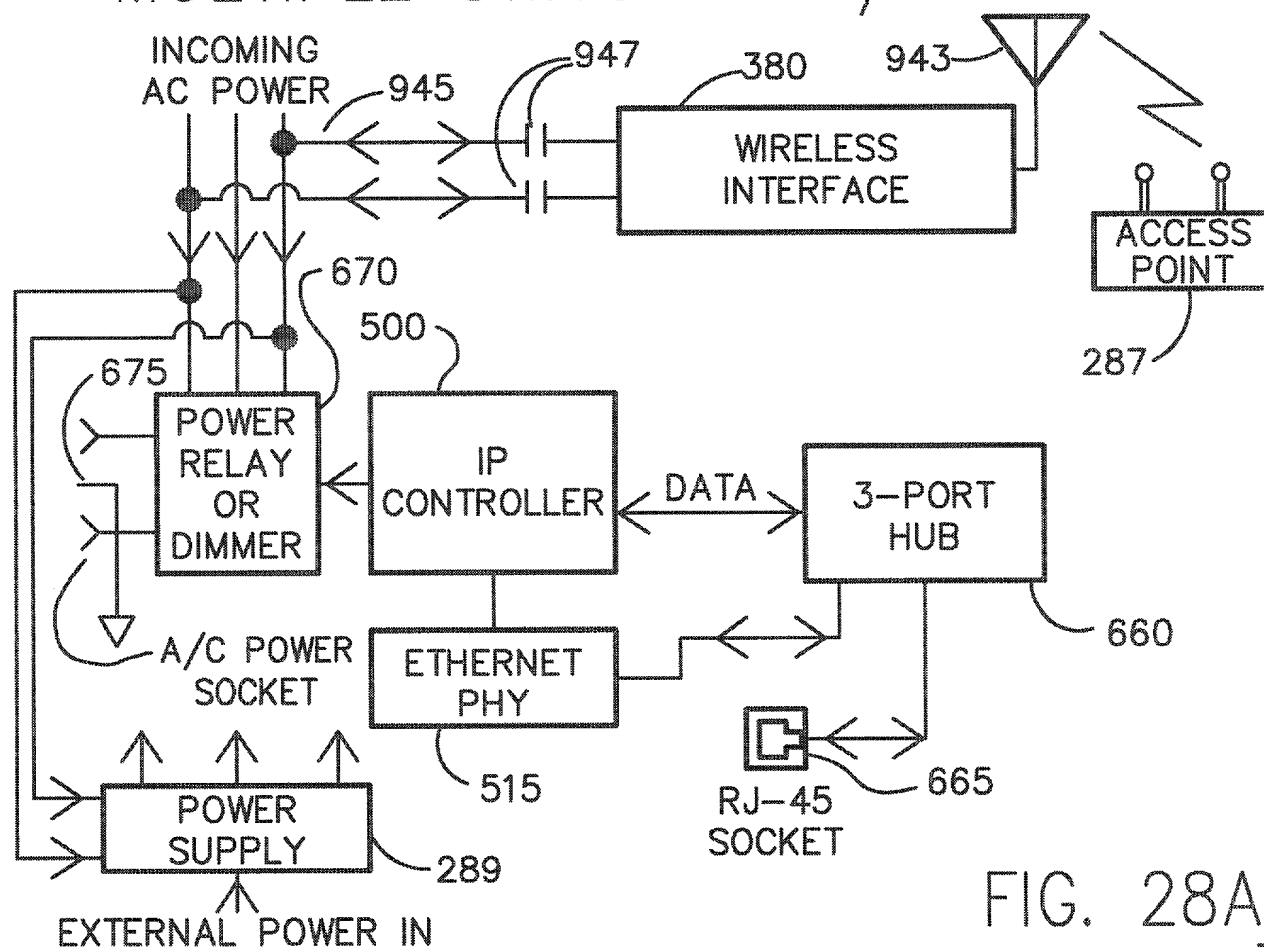


FIG. 28A+

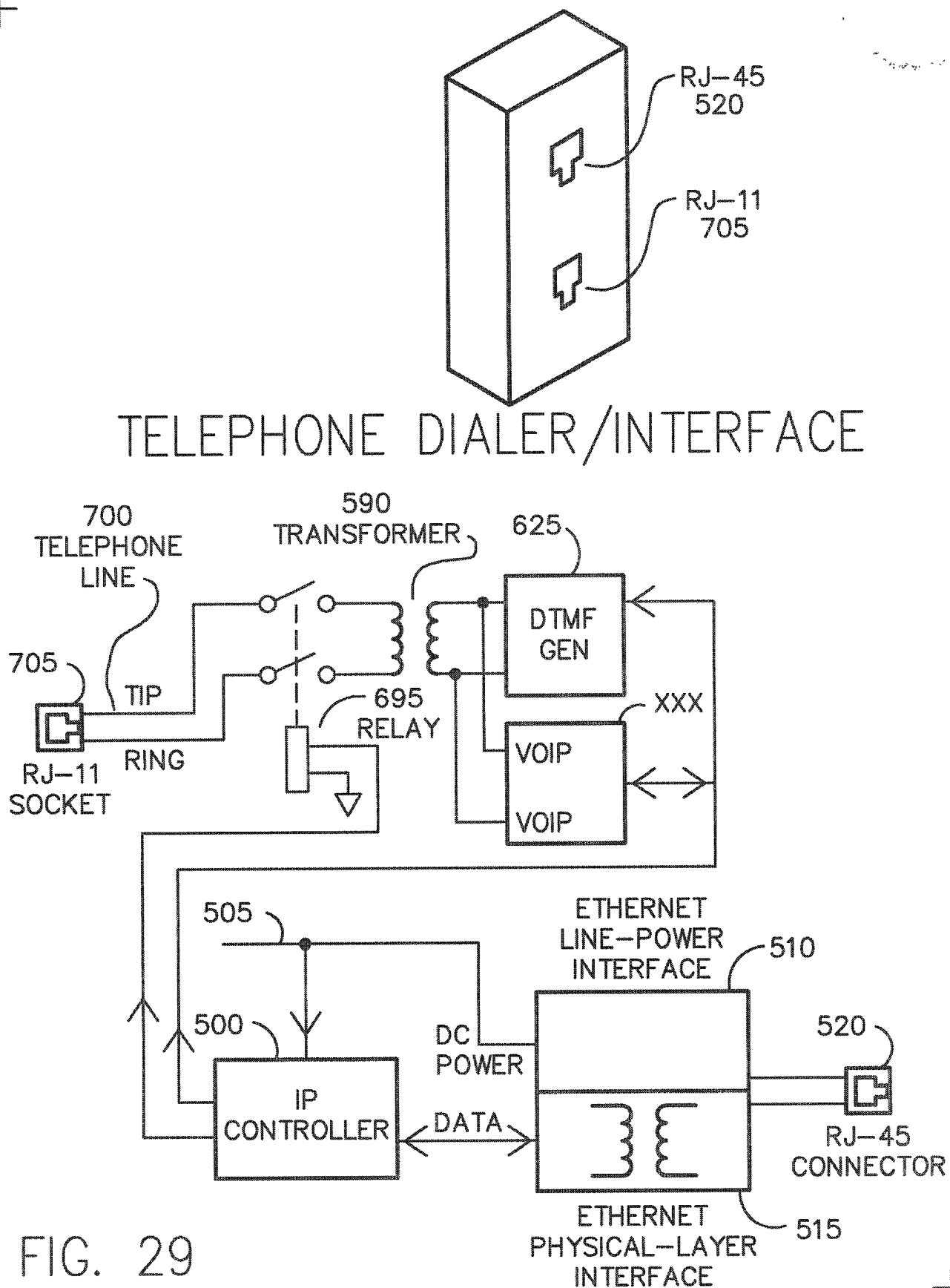
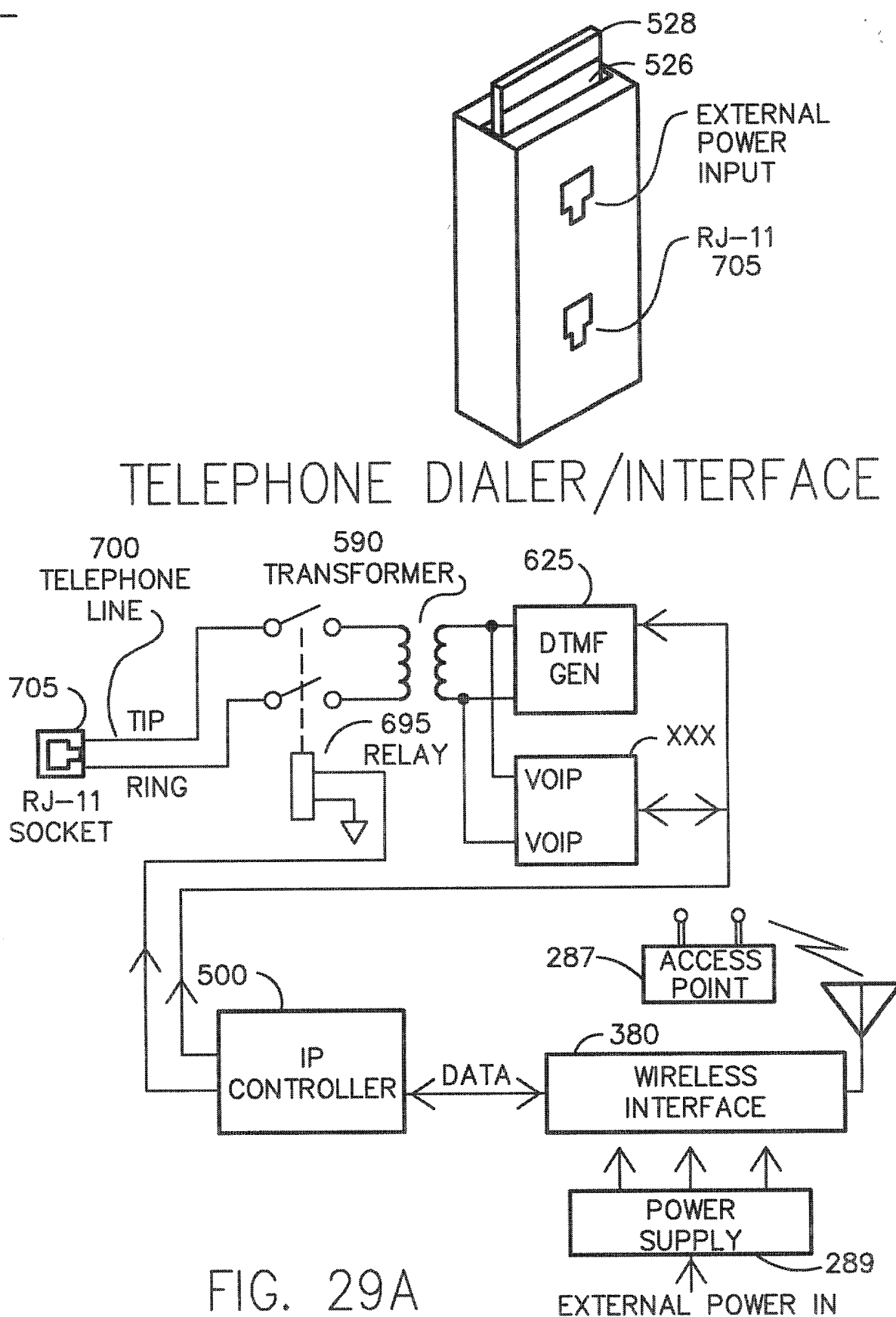
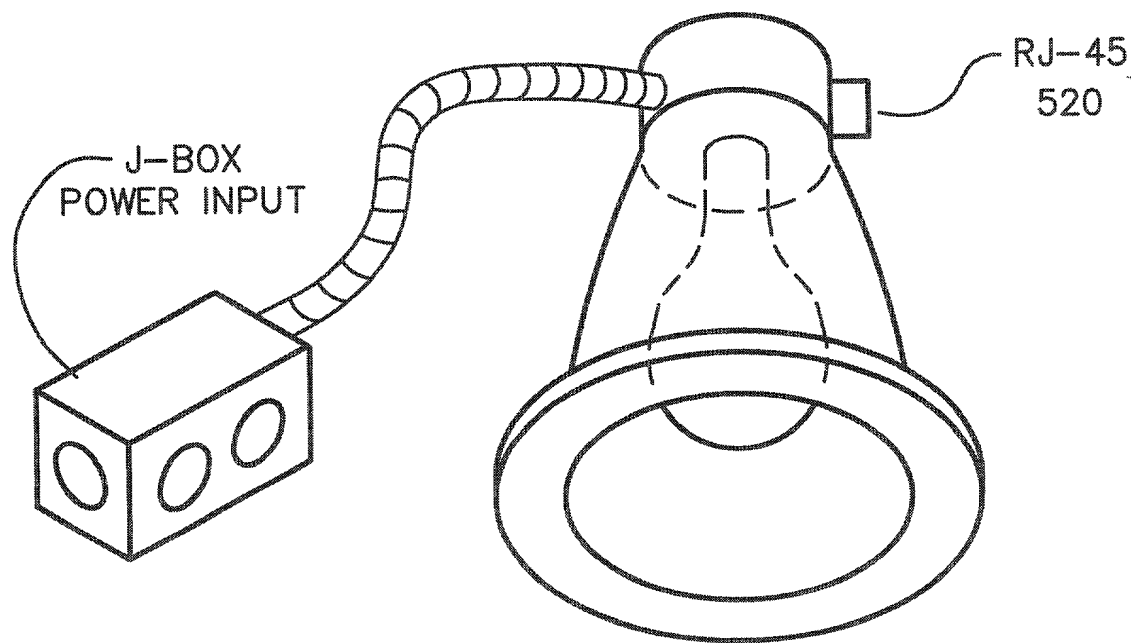


FIG. 29



20060130-01000



LIGHT FIXTURE

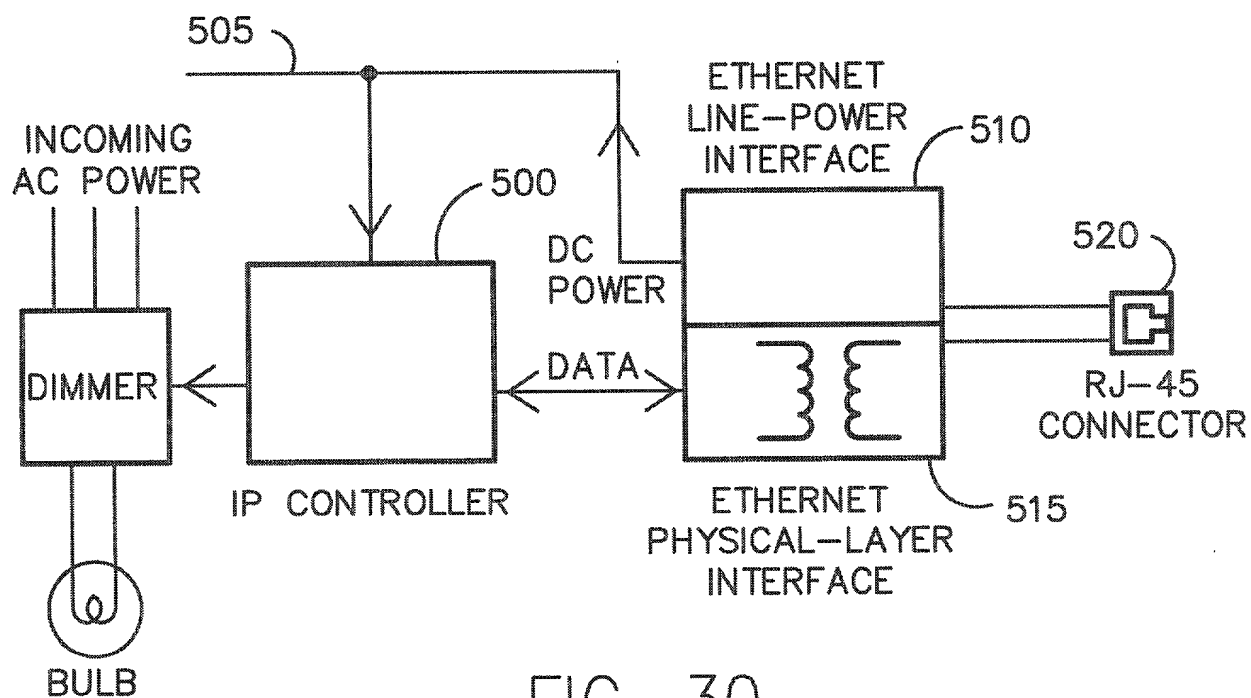
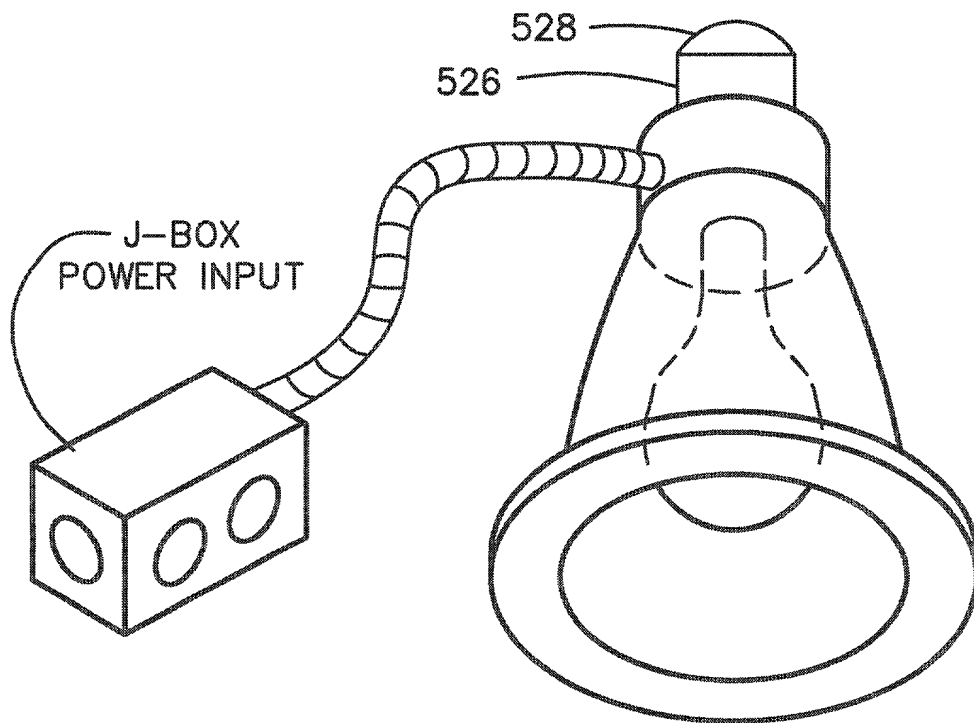


FIG. 30



LIGHT FIXTURE

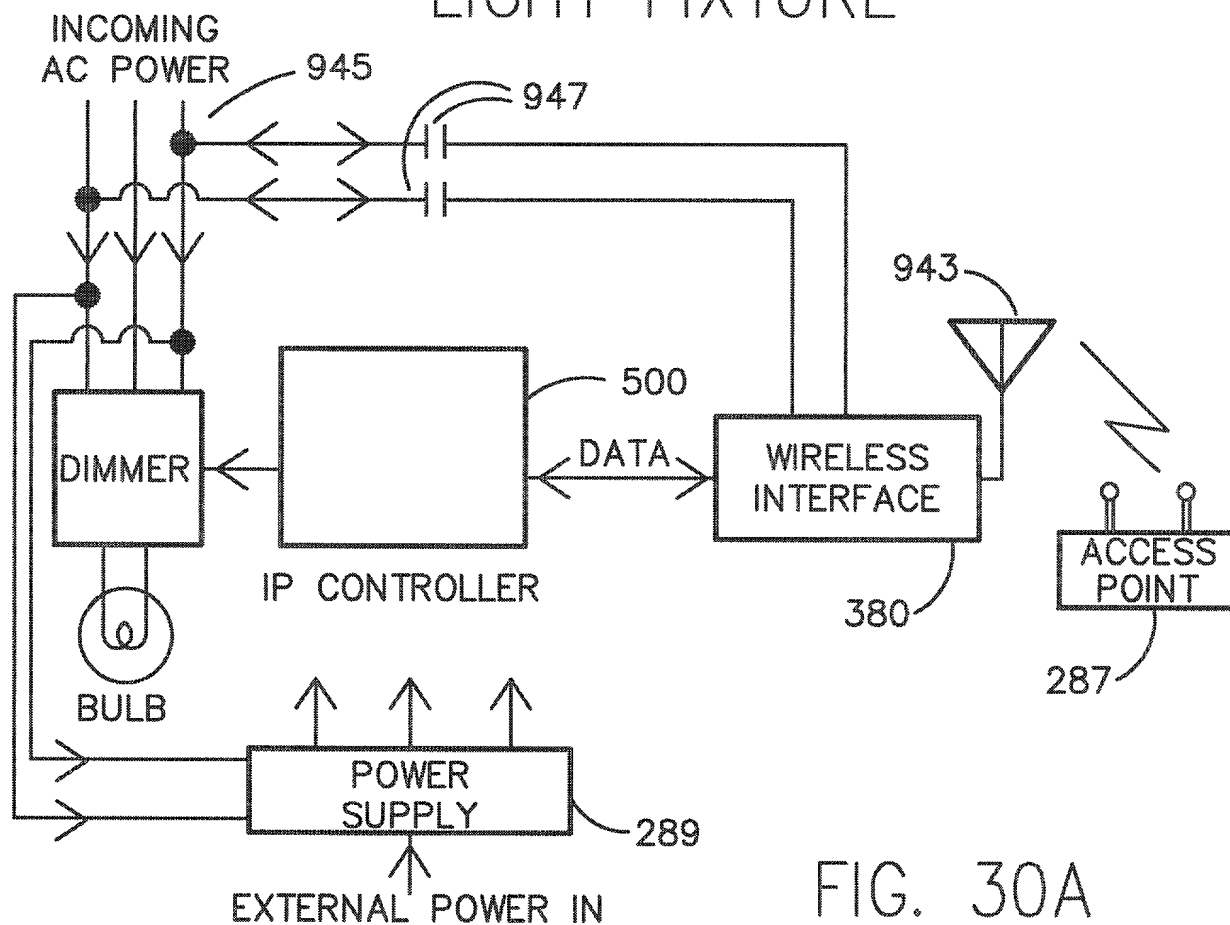


FIG. 30A

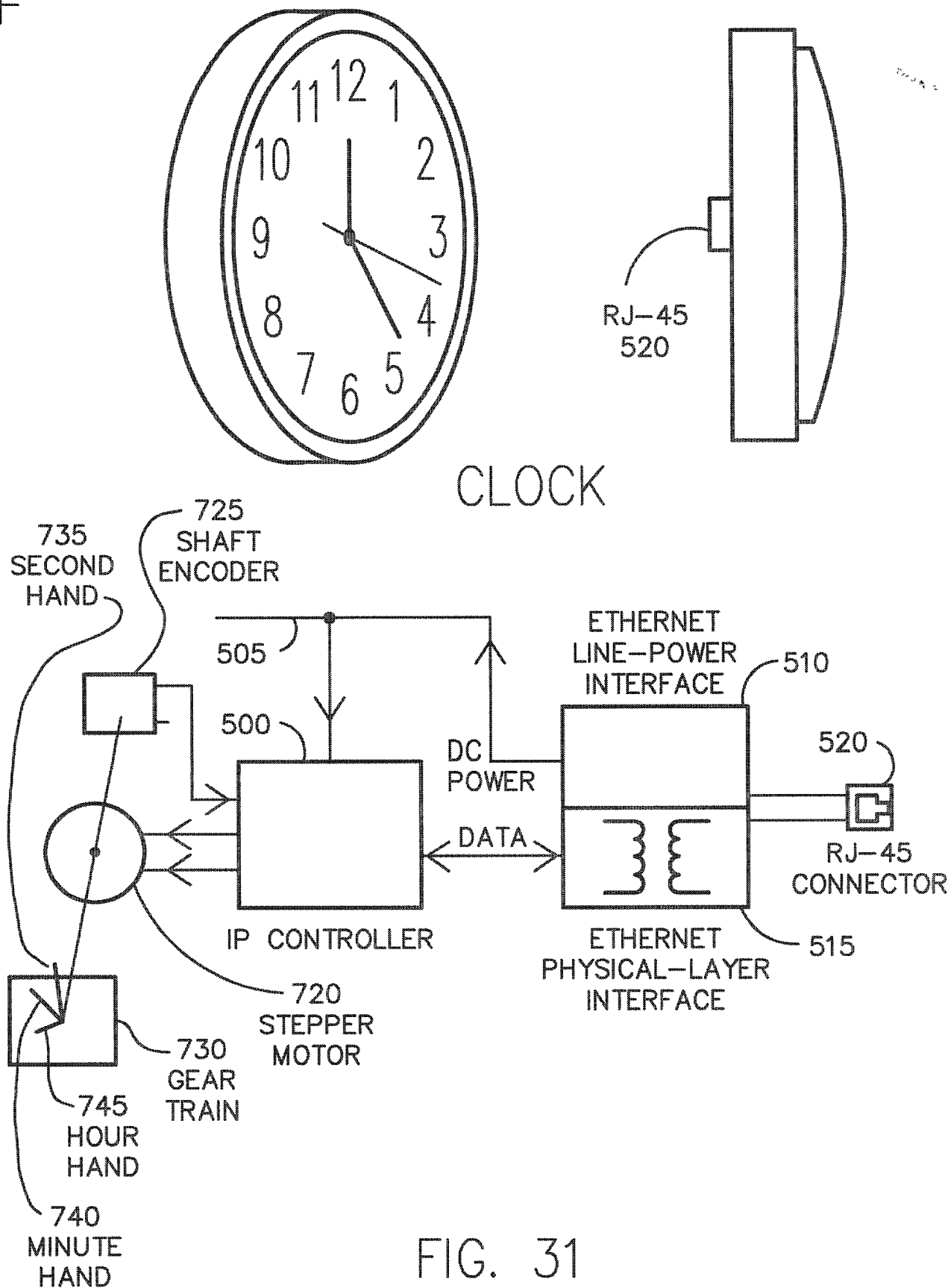
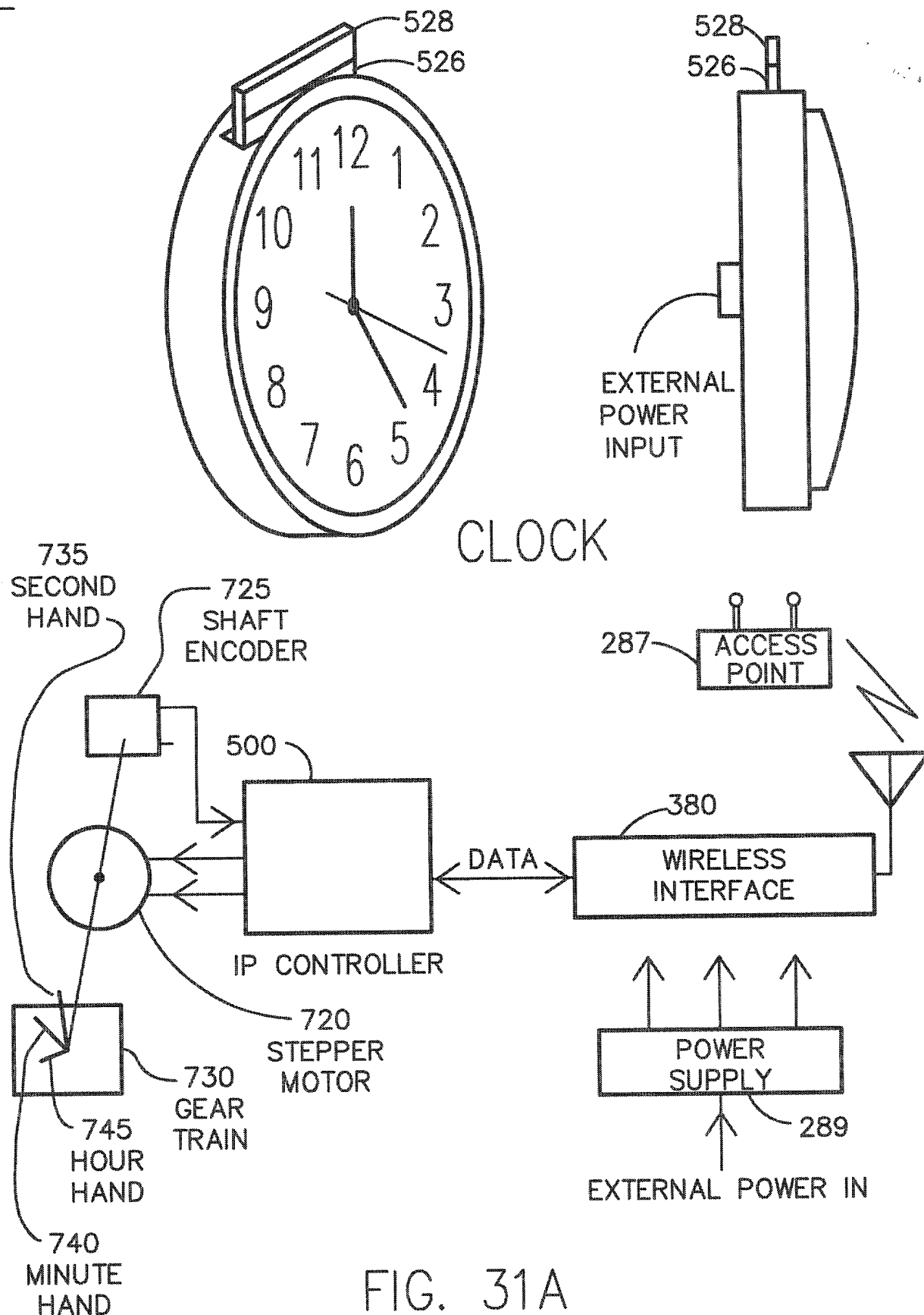
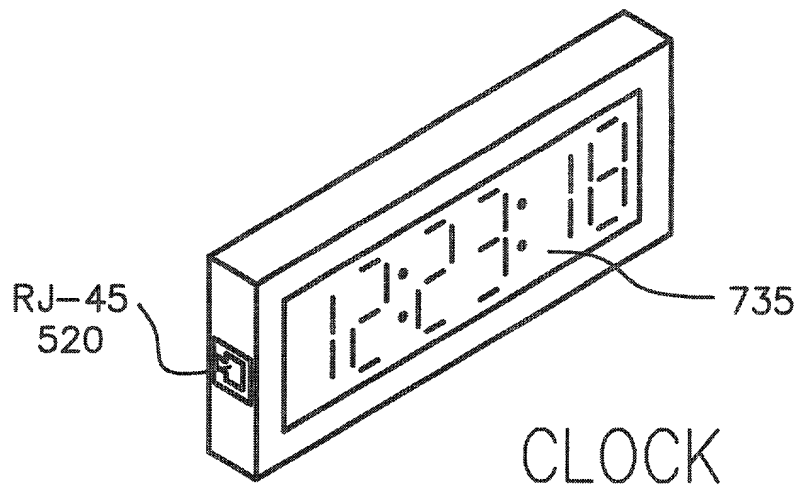


FIG. 31



203010-010302



CLOCK

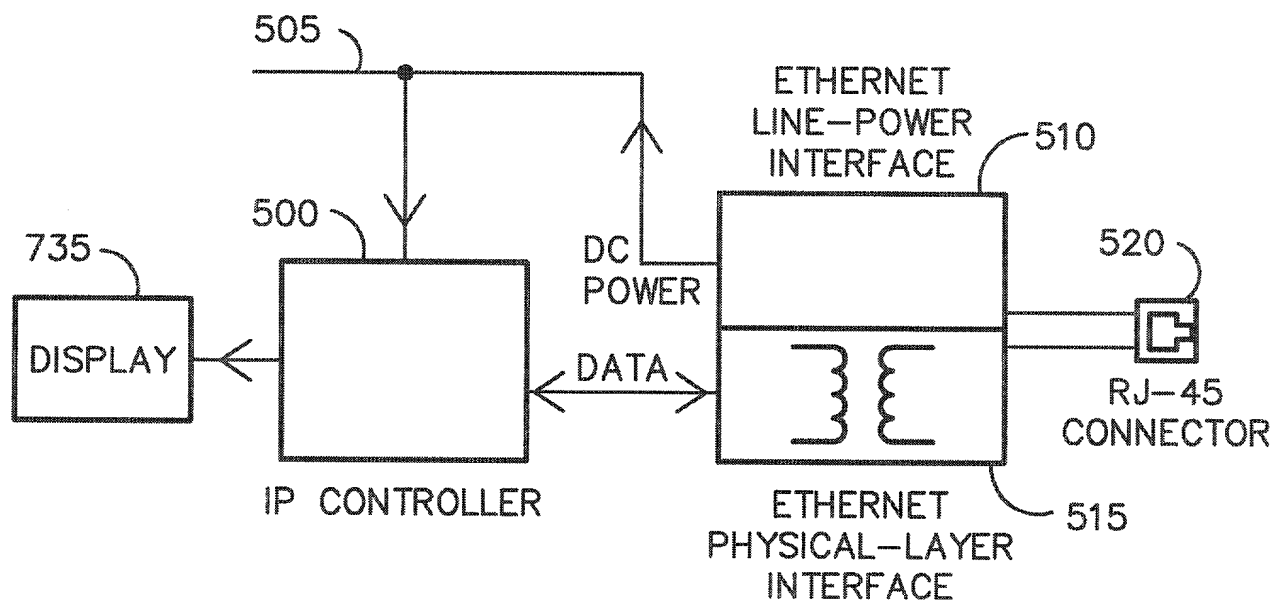


FIG. 32

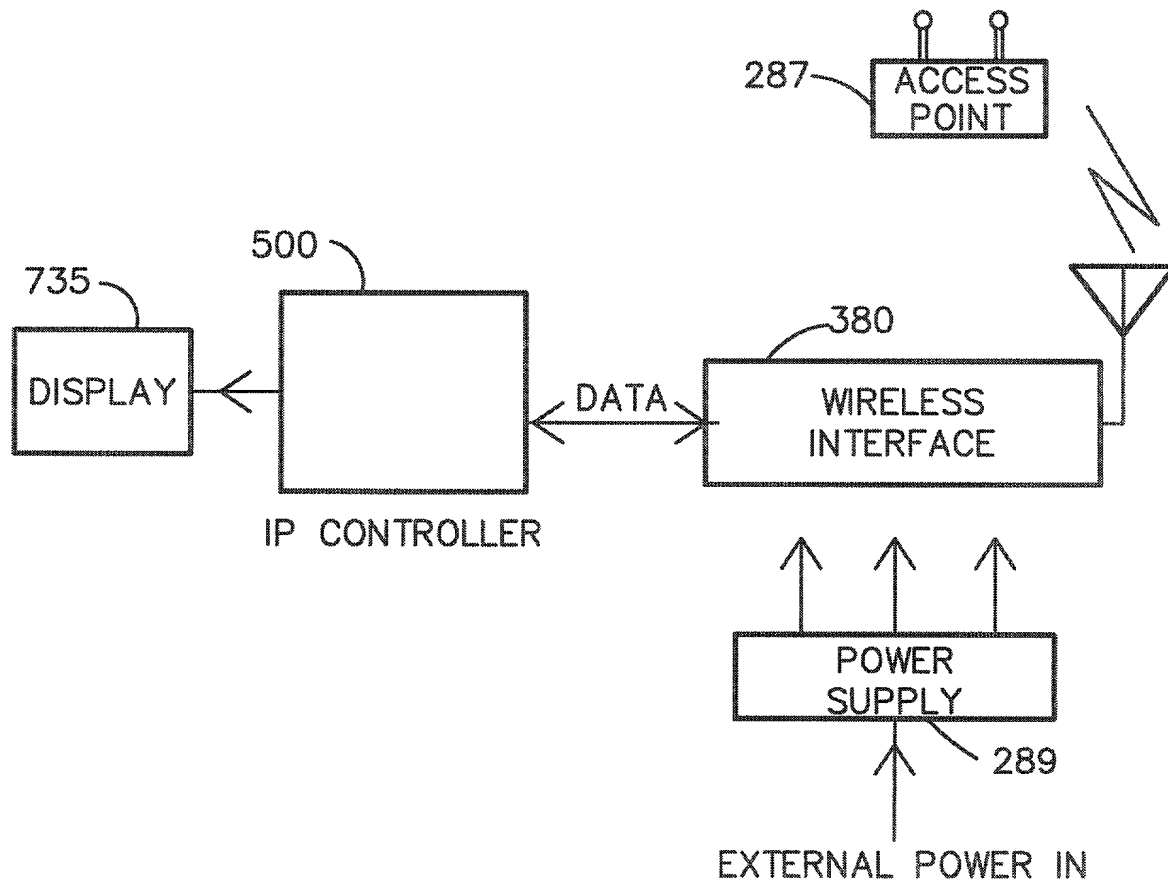
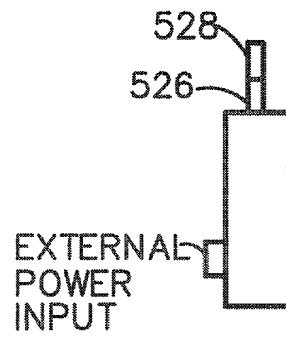
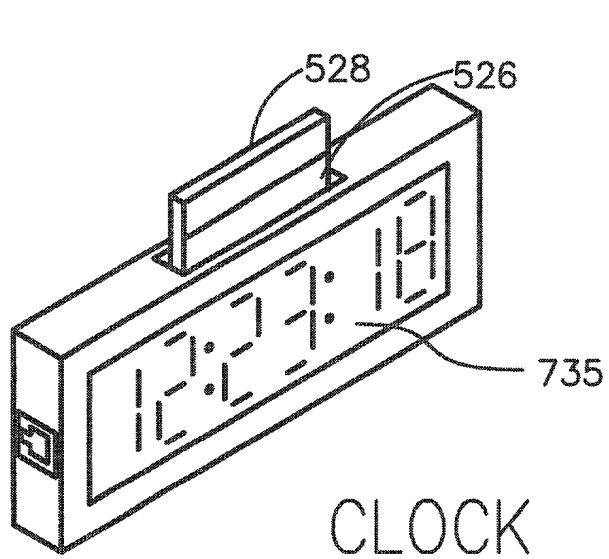
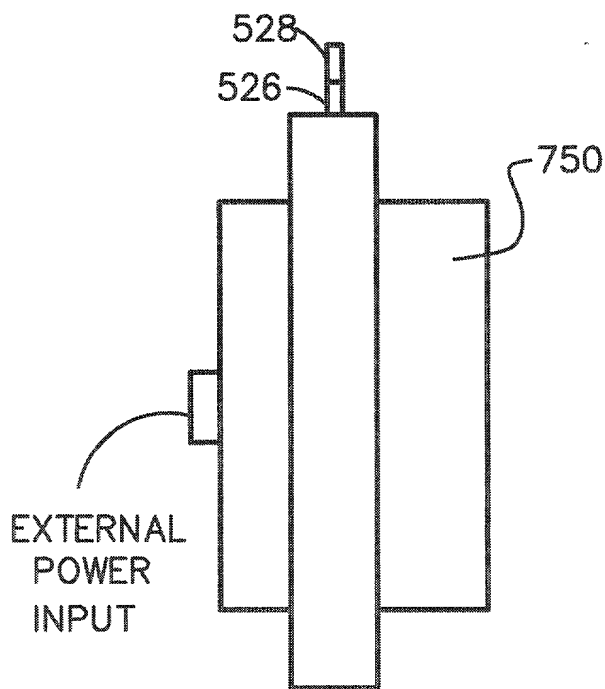
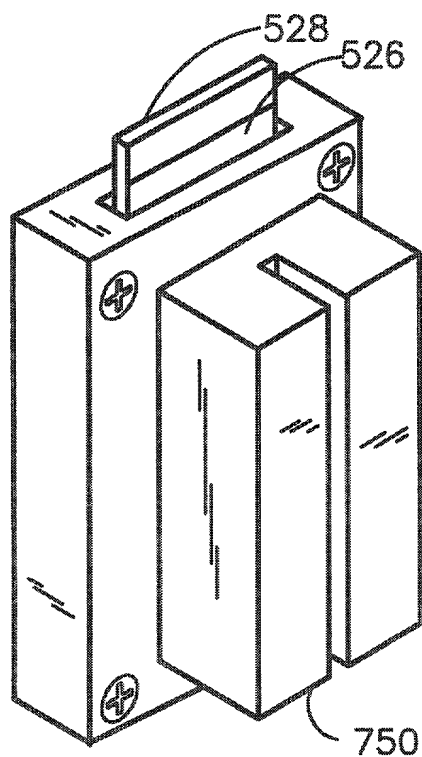


FIG. 32A





# MAG STRIP READER

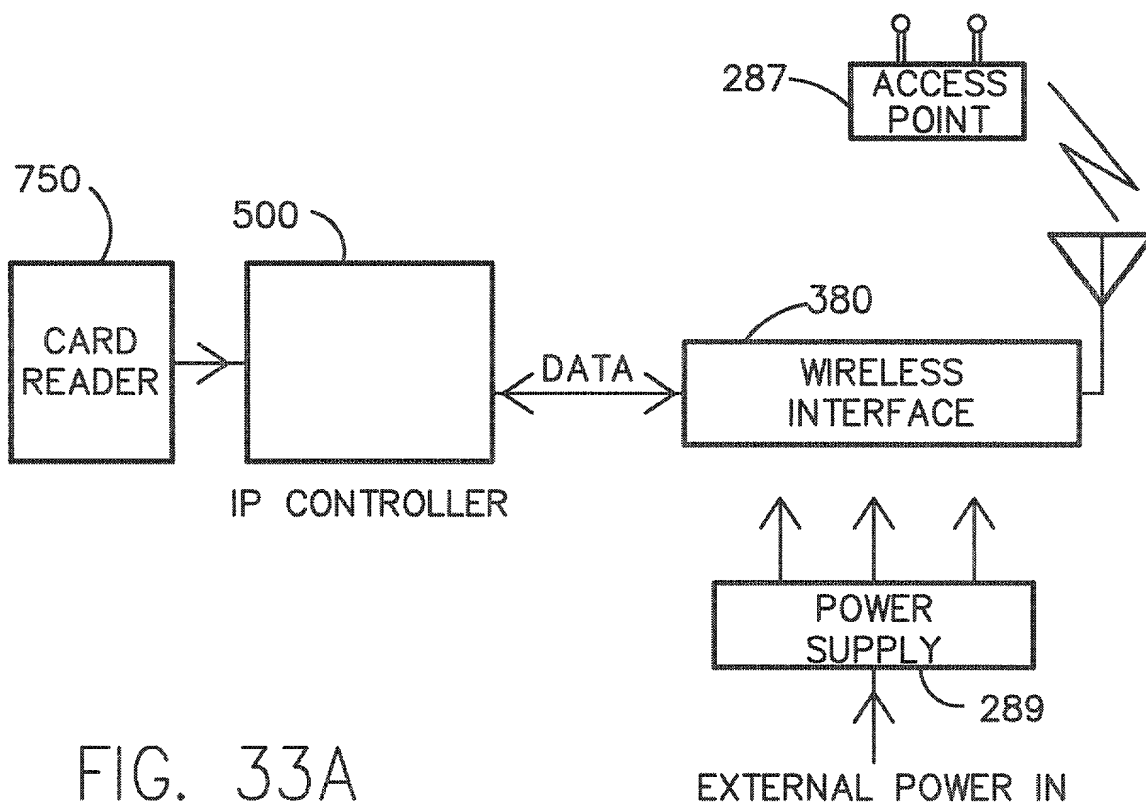
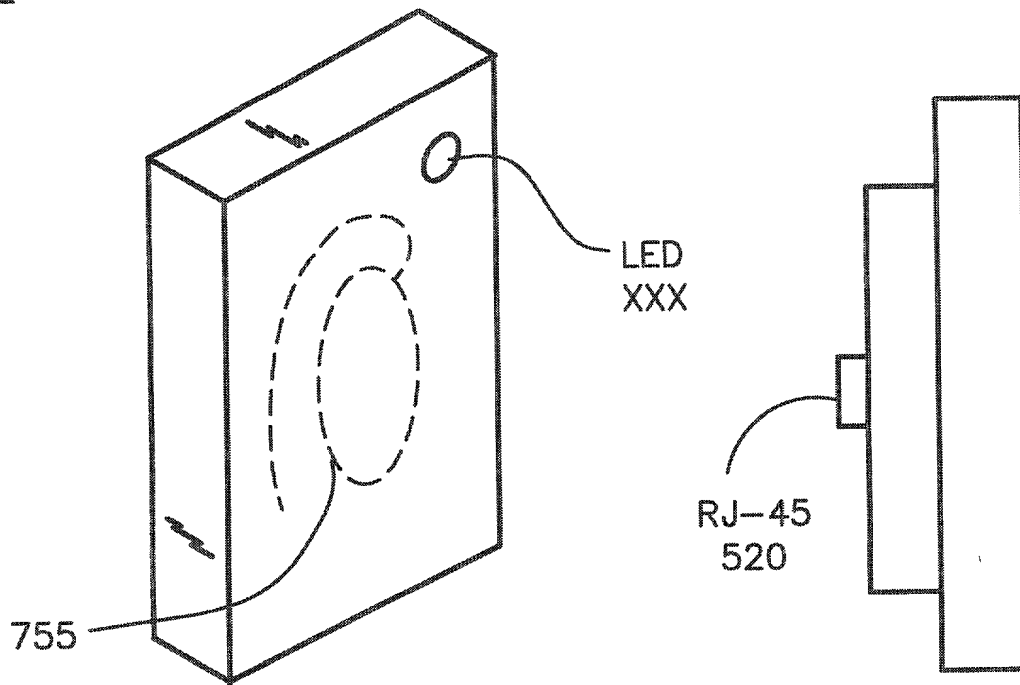


FIG. 33A



# PROXIMITY CARD READER

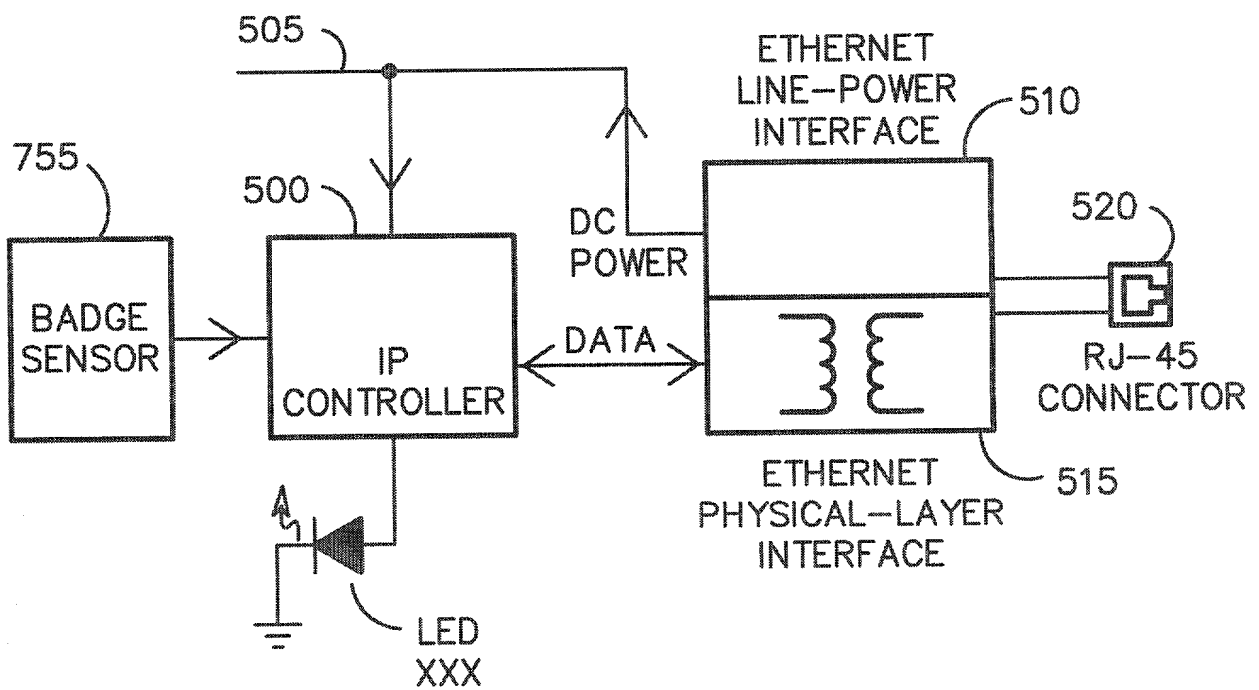
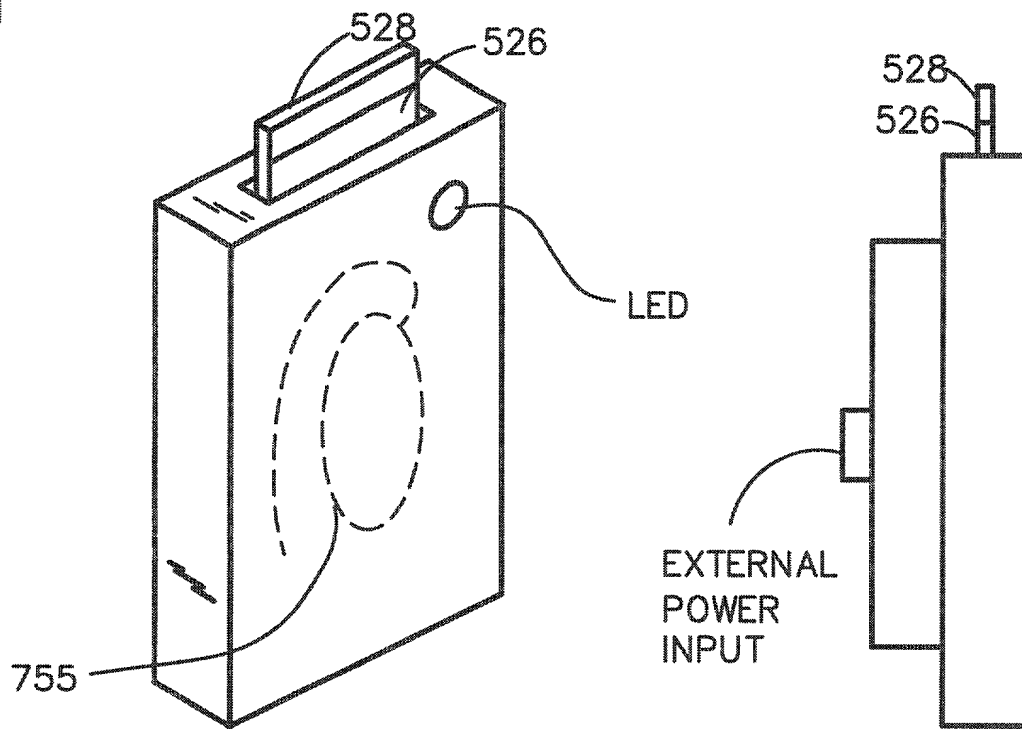


FIG. 34

208010 08199660 0966130 010803



## PROXIMITY CARD READER

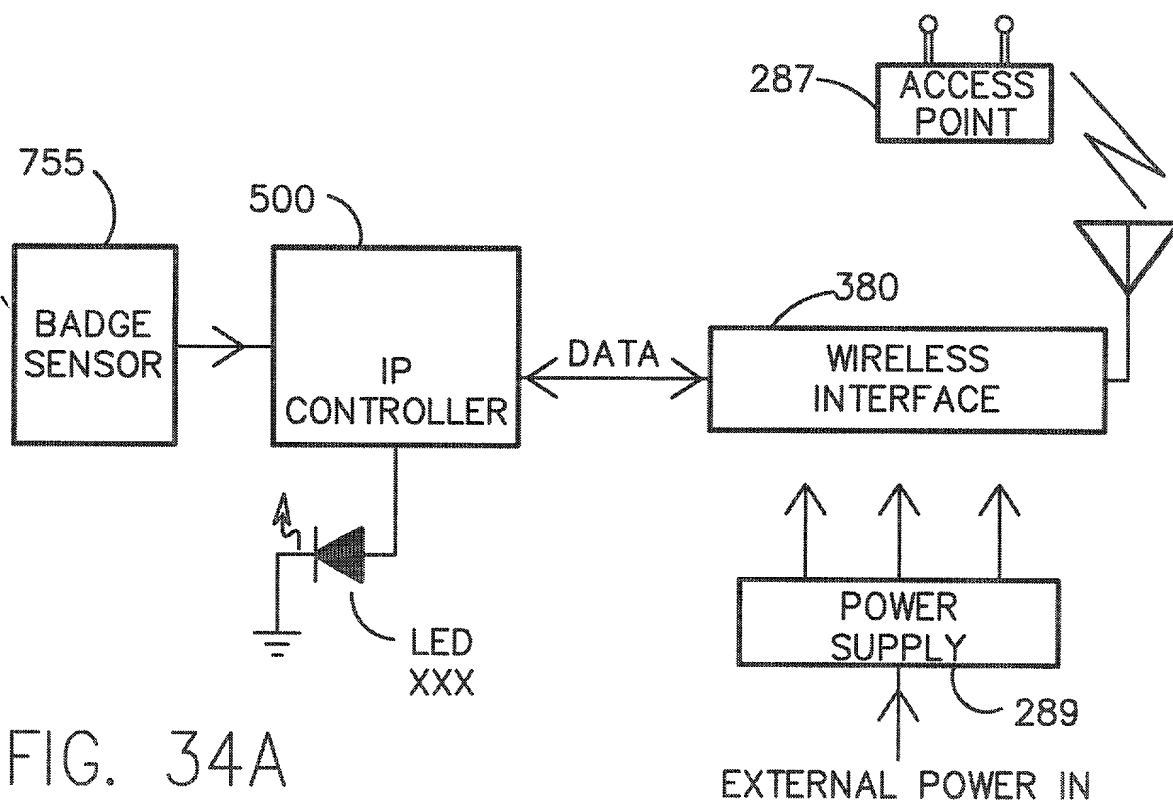


FIG. 34A

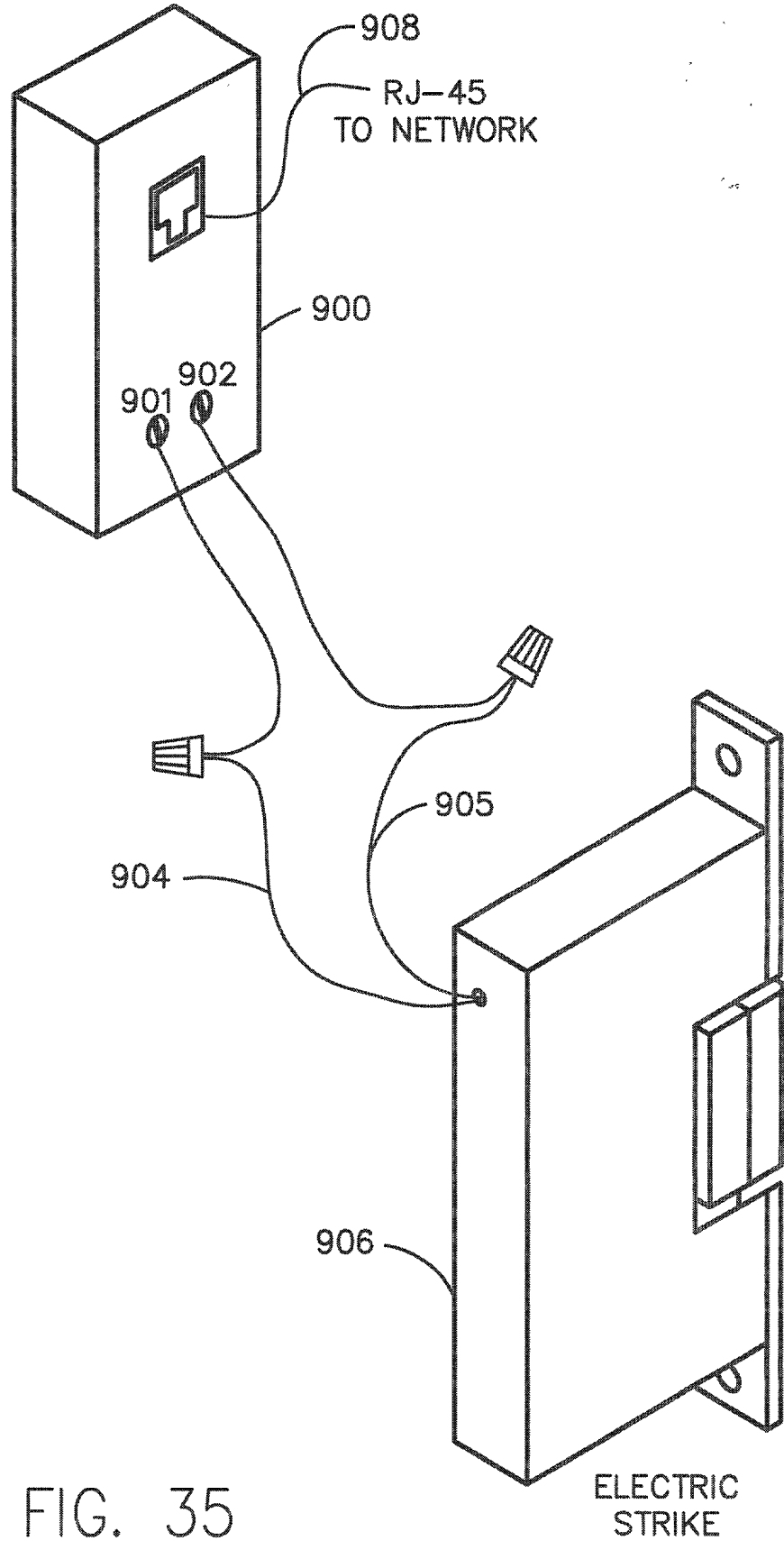


FIG. 35

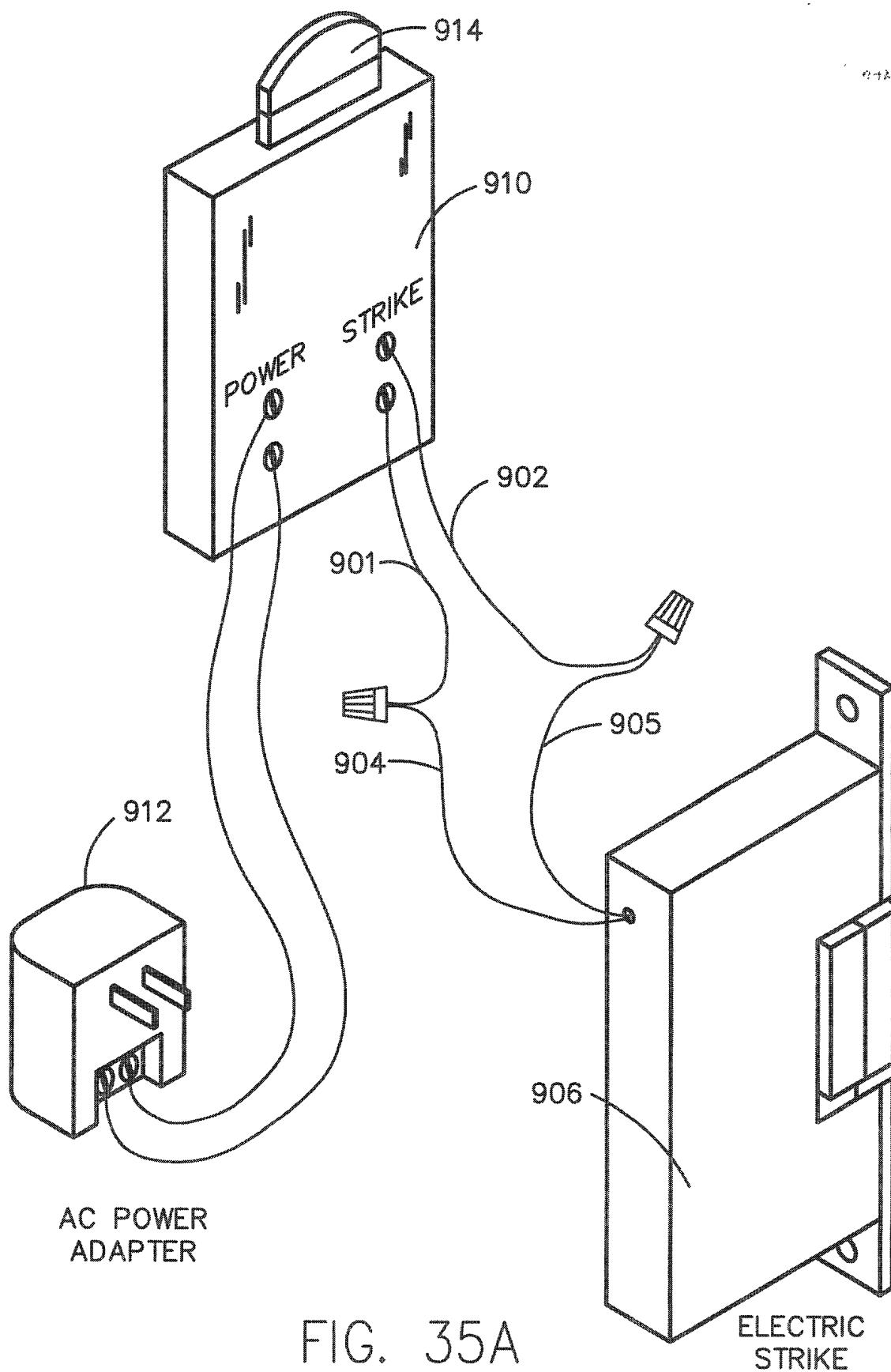


FIG. 35A

208070 DET 9660

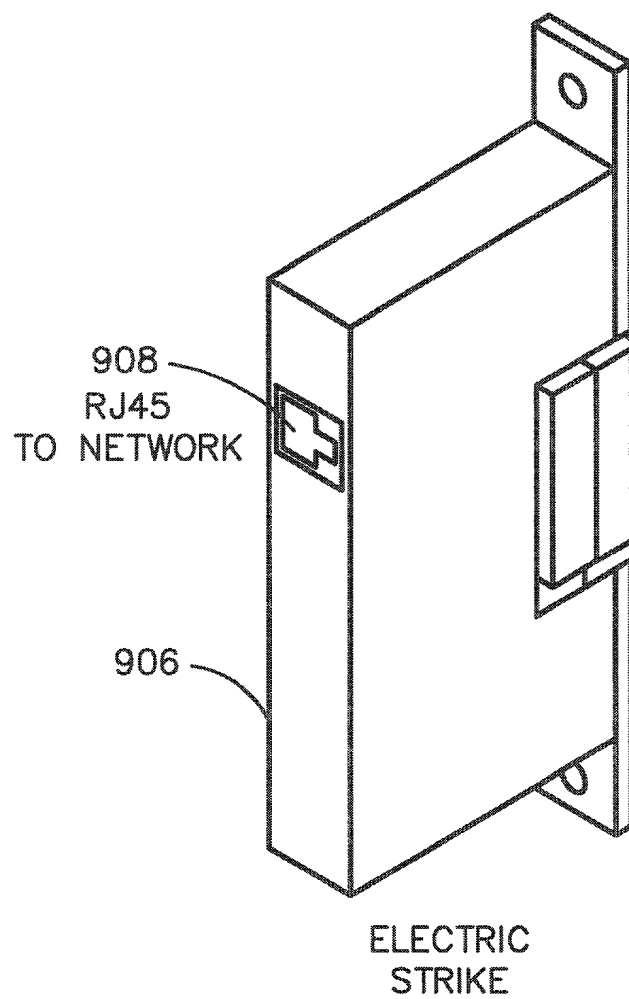


FIG. 35B

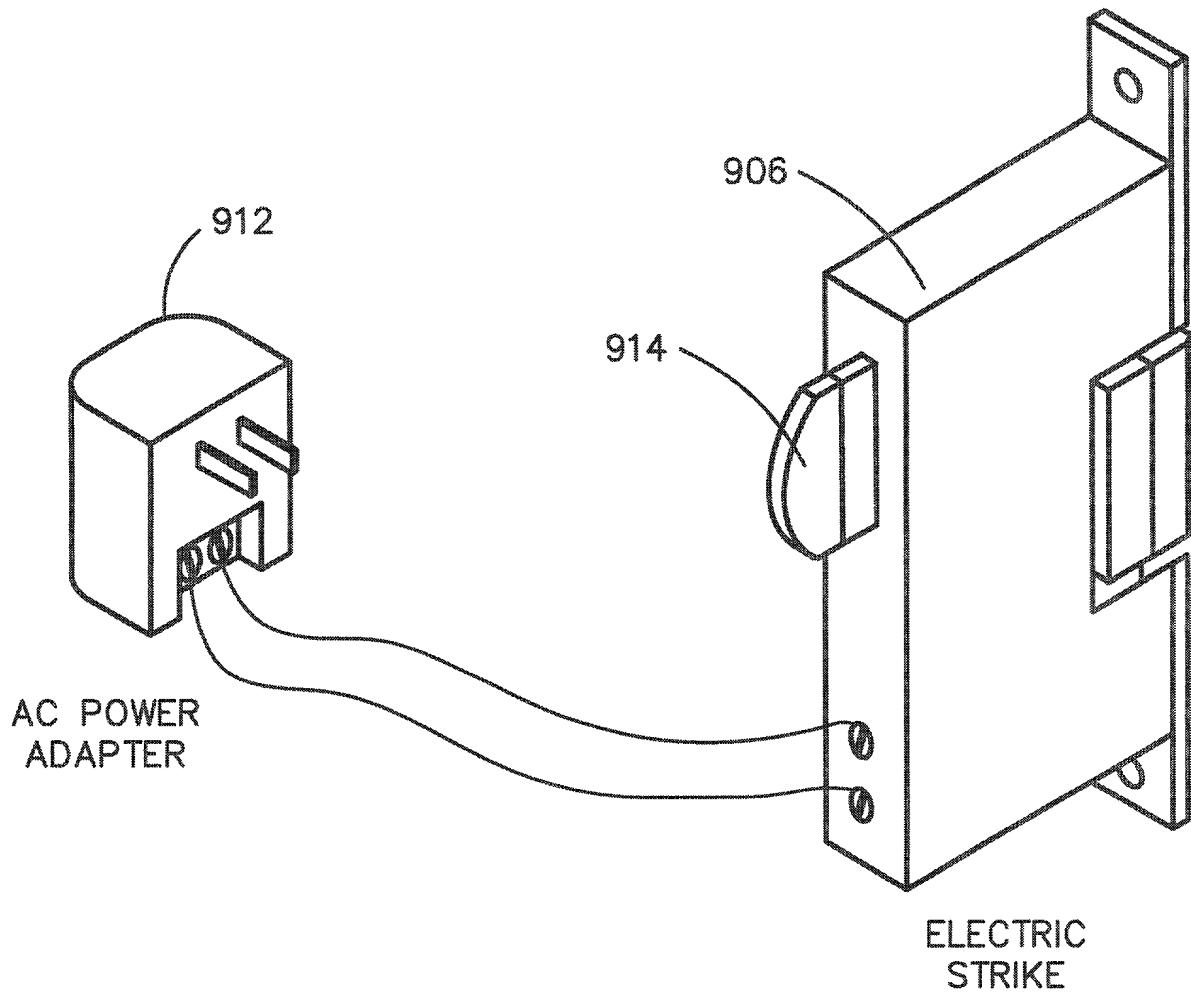


FIG. 35C

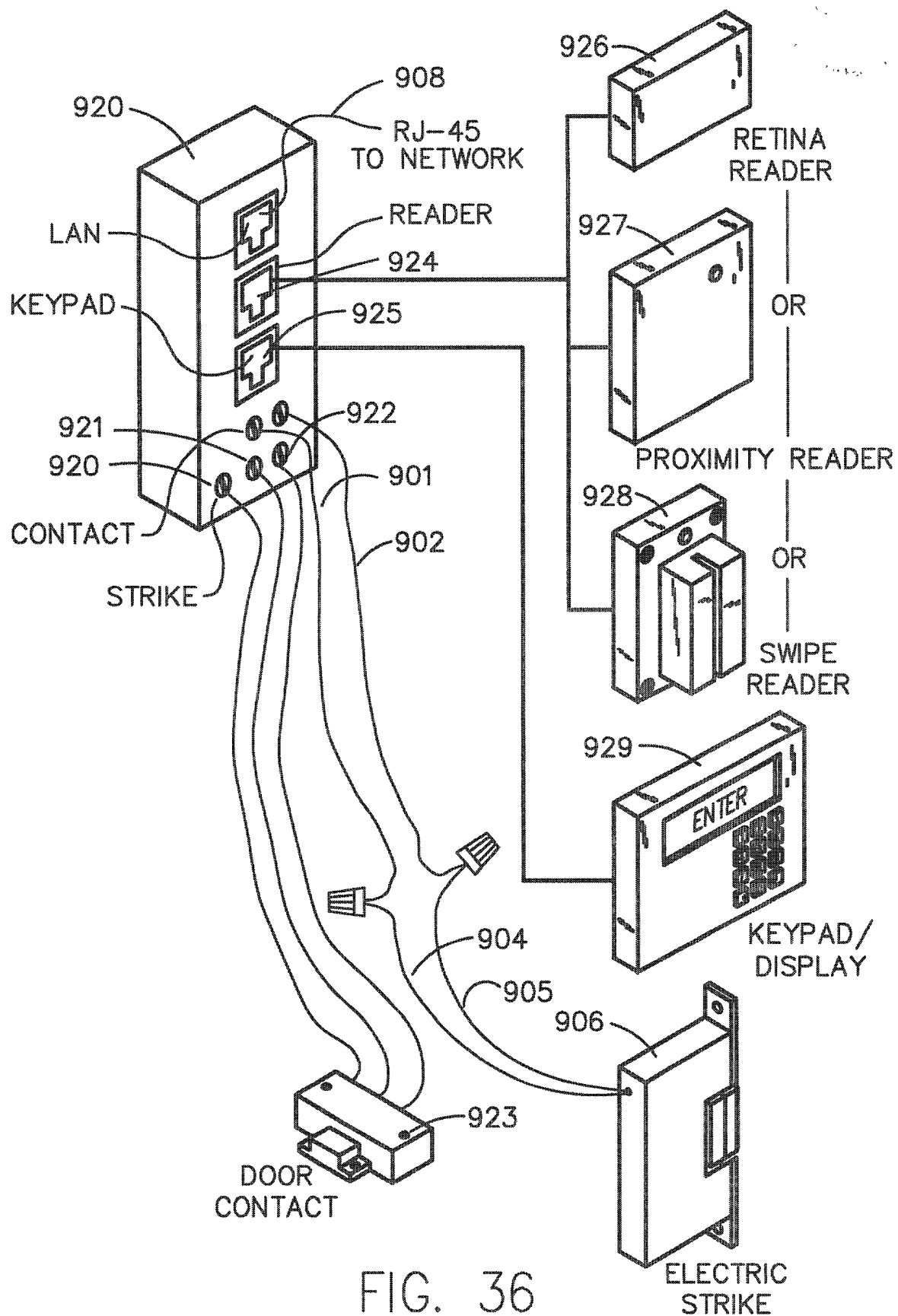




FIG. 36A

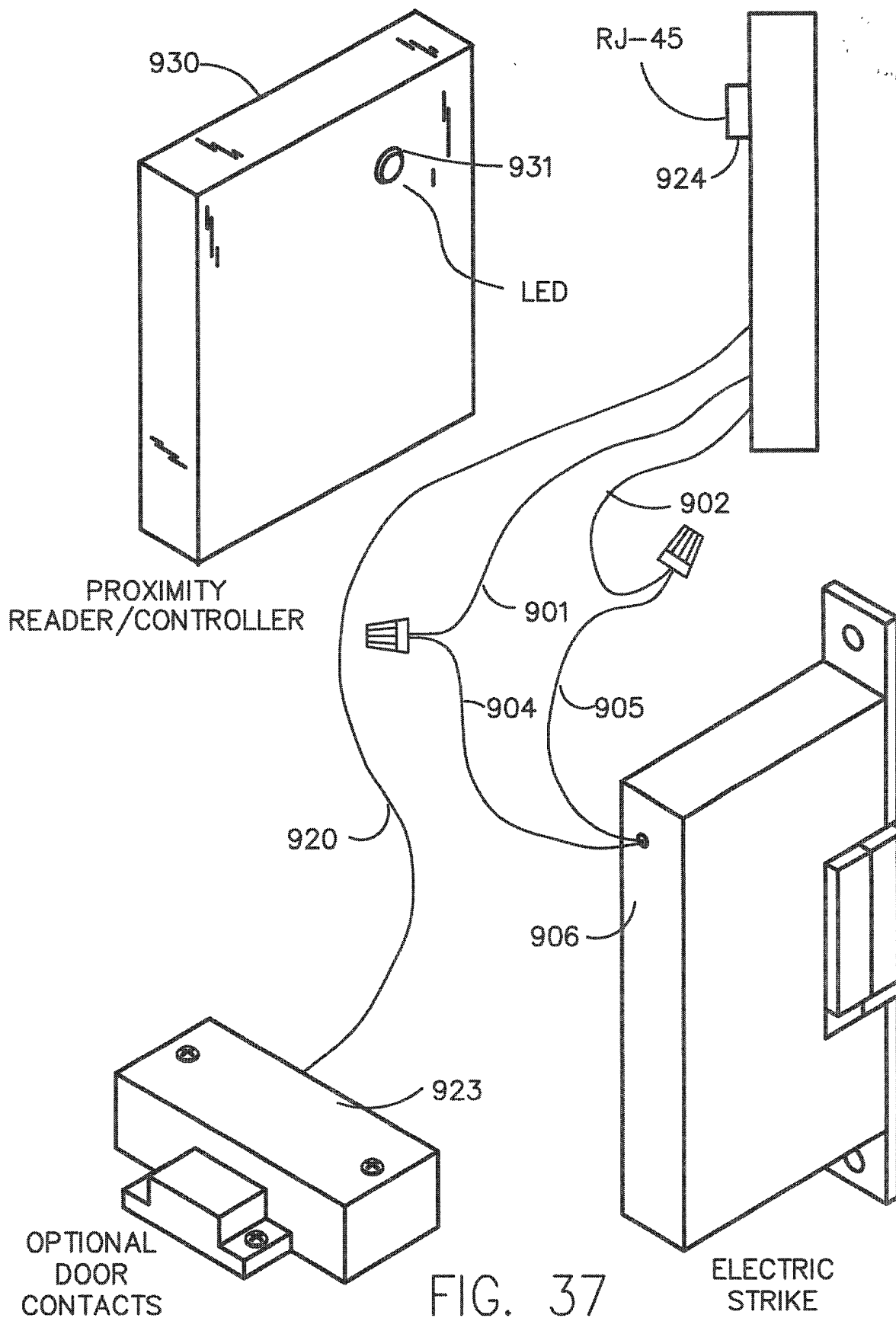


FIG. 37

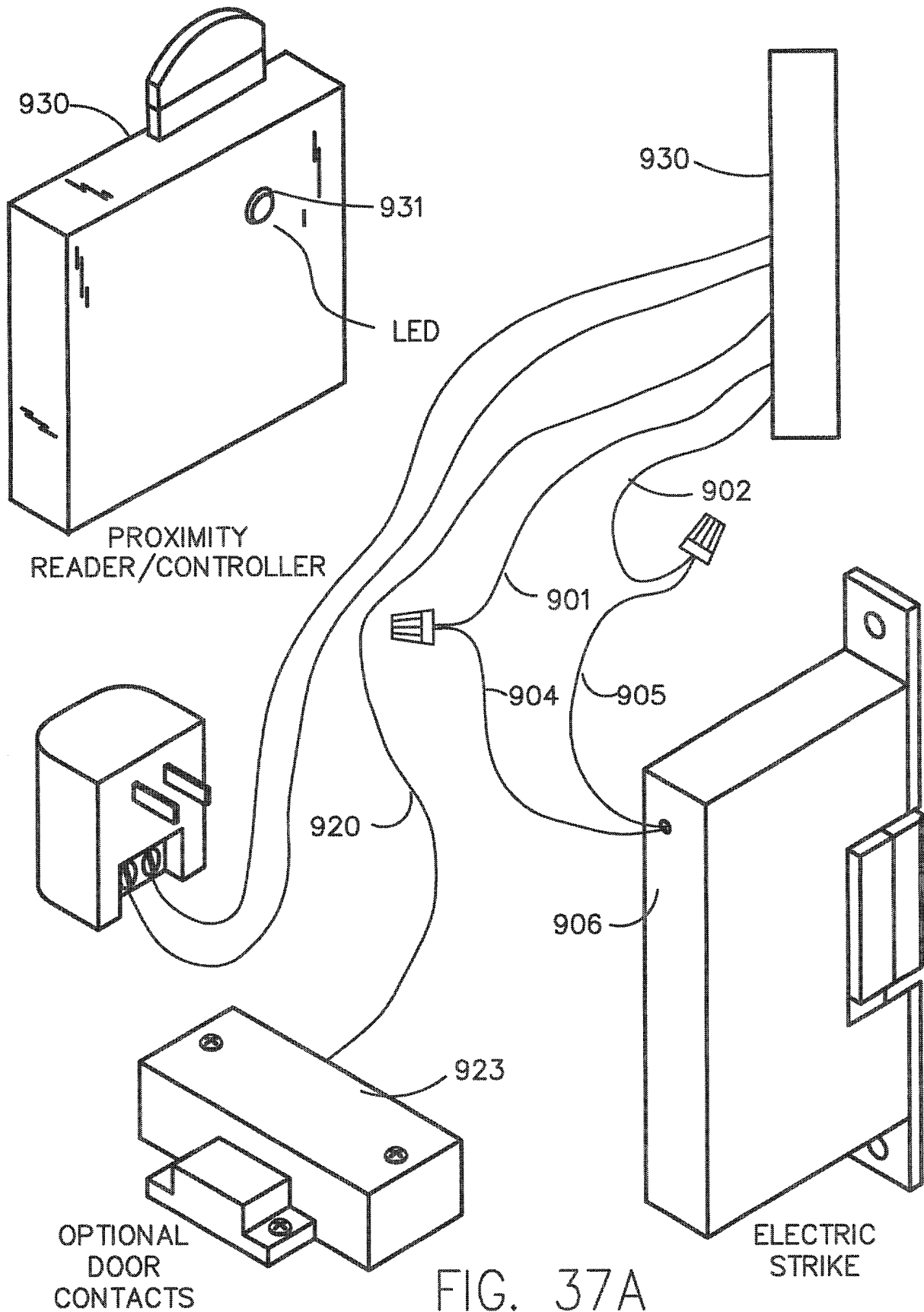


FIG. 37A

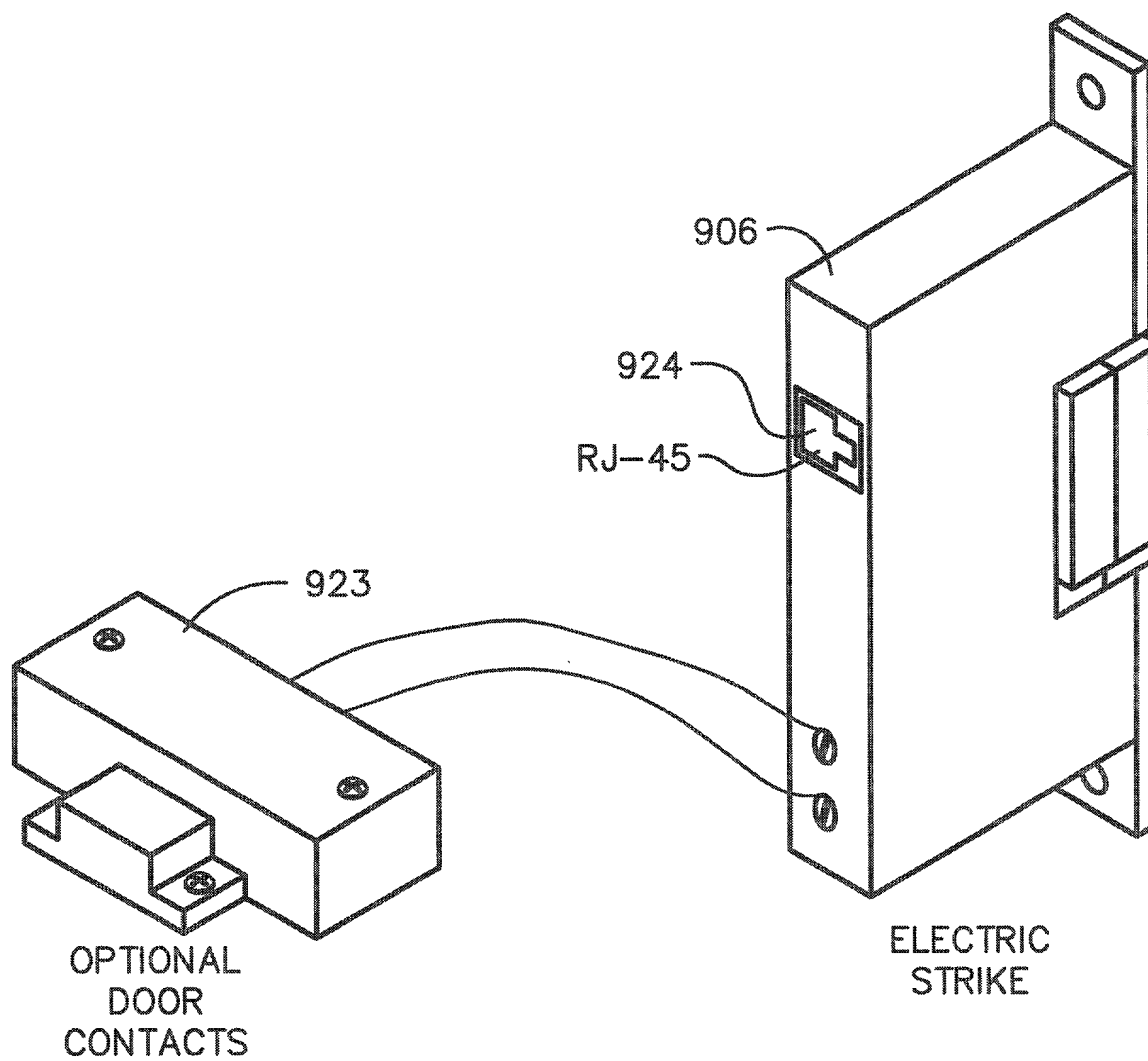


FIG. 37B

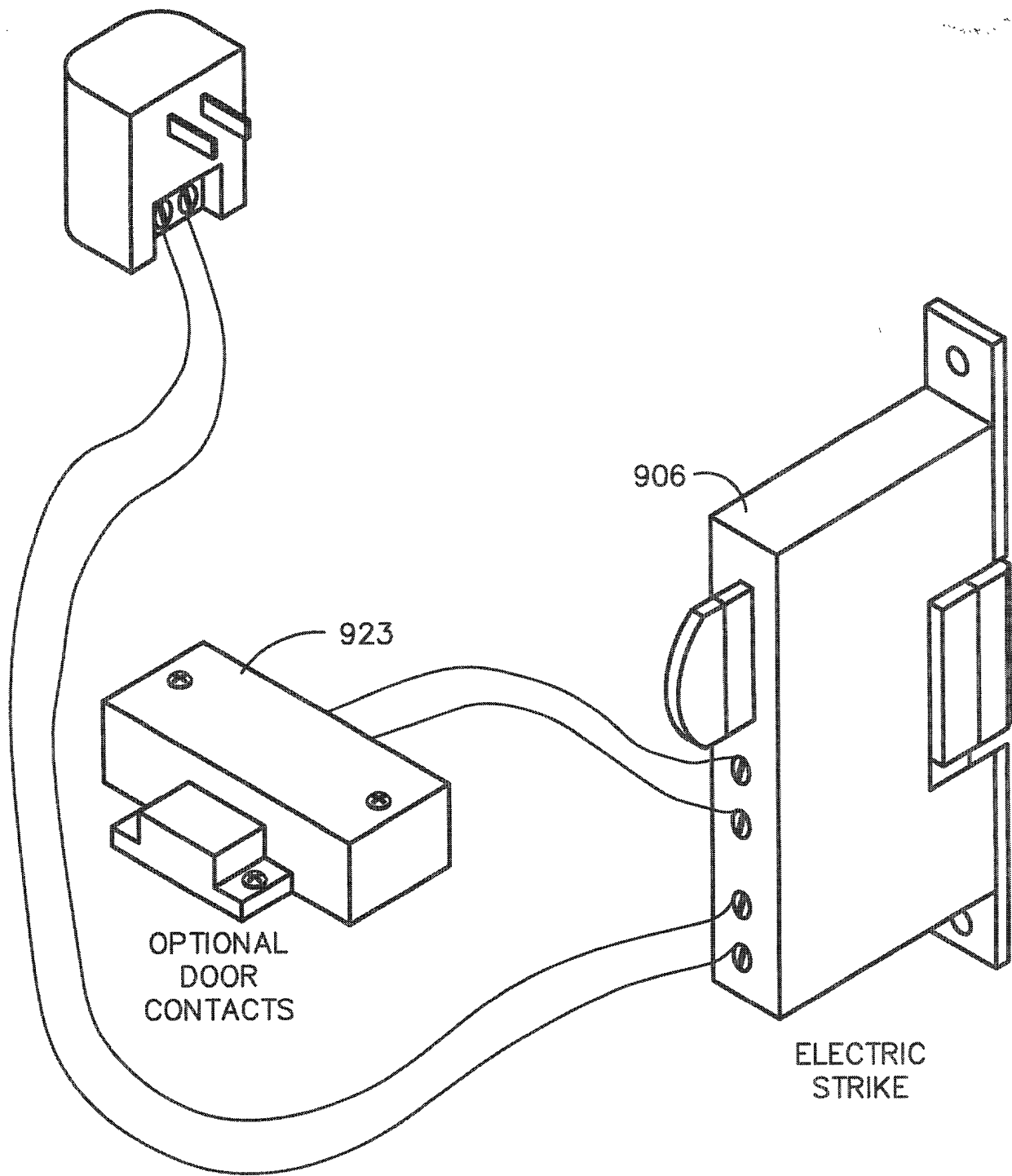


FIG. 37C

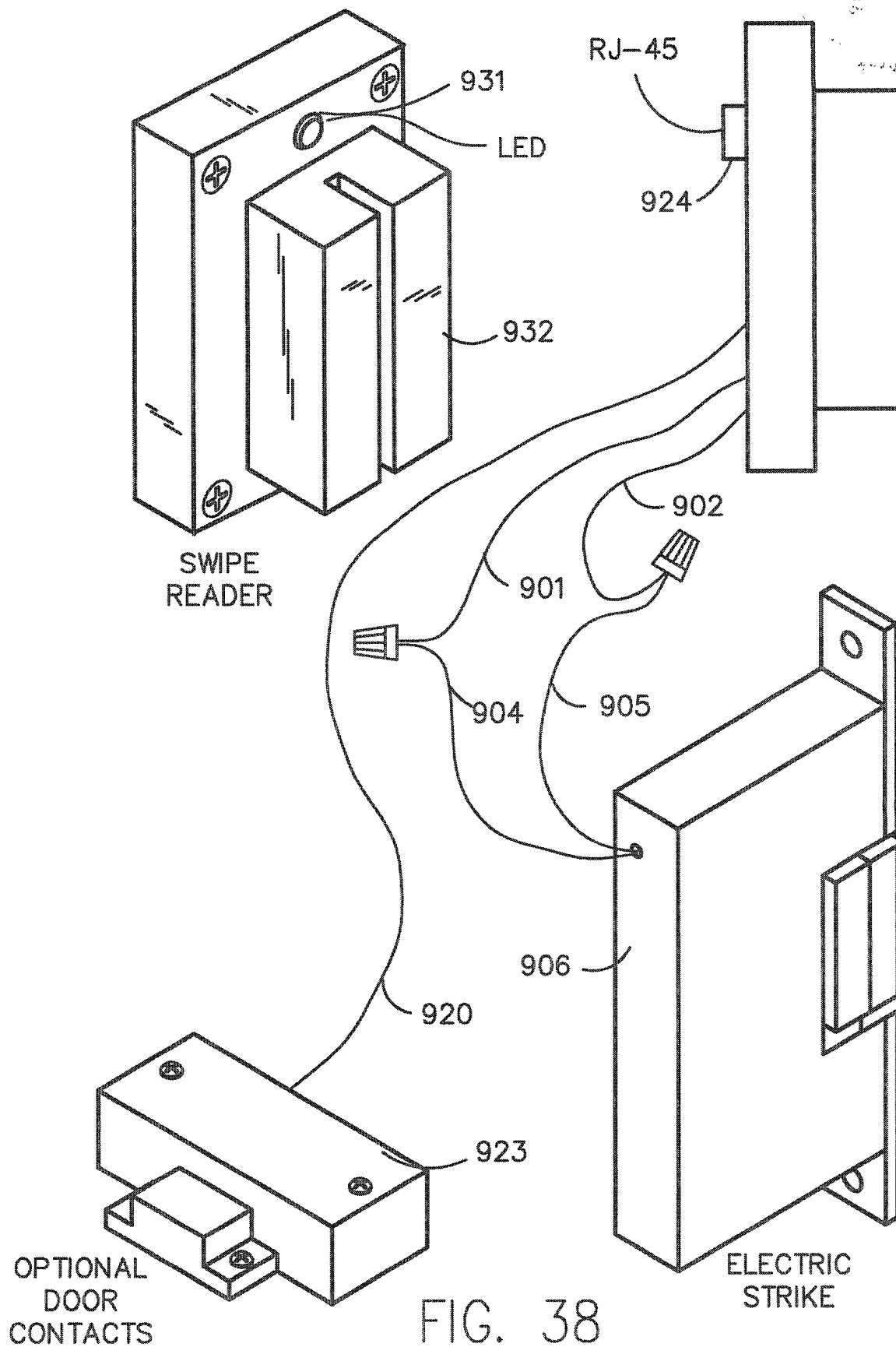


FIG. 38

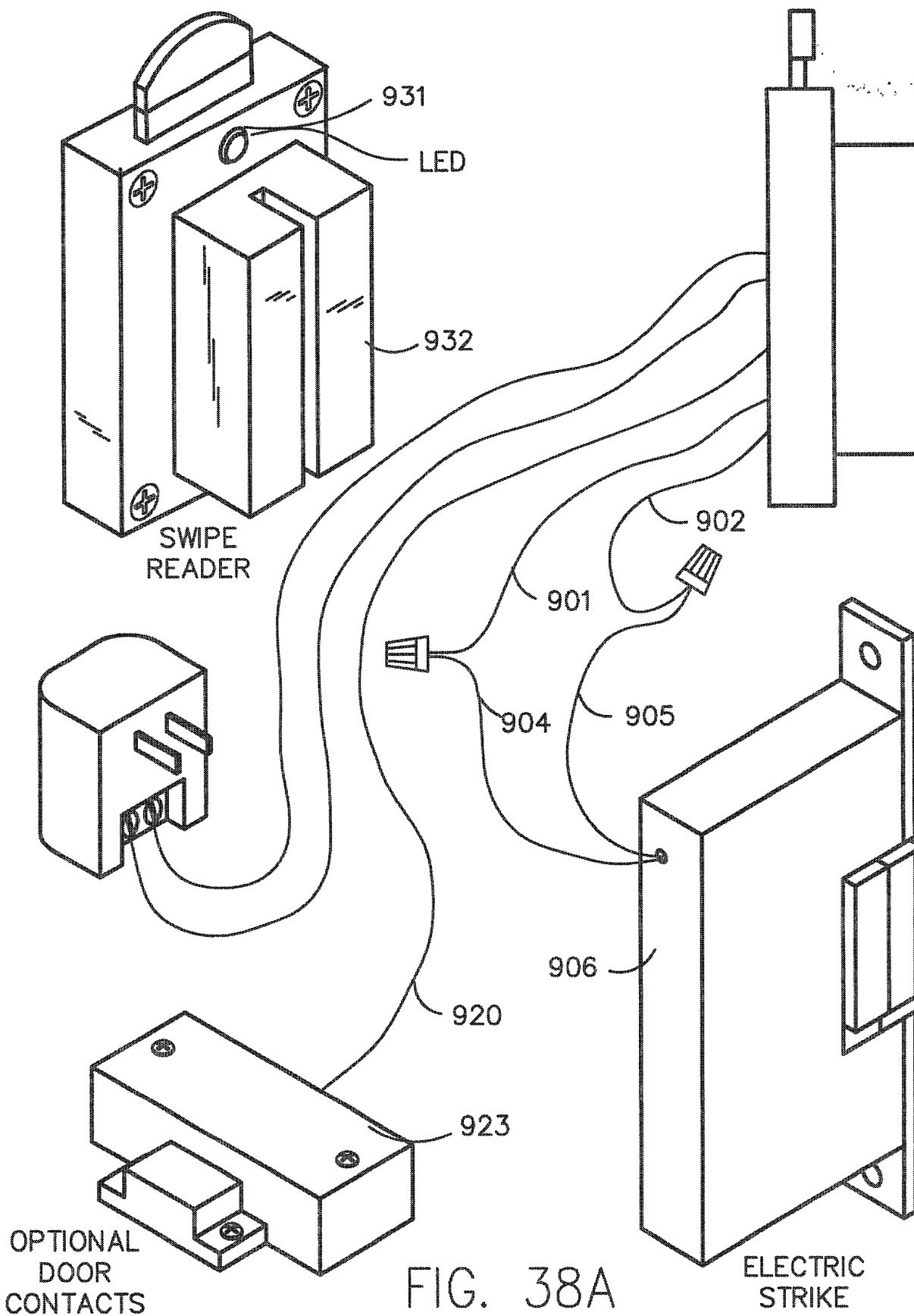


FIG. 38A

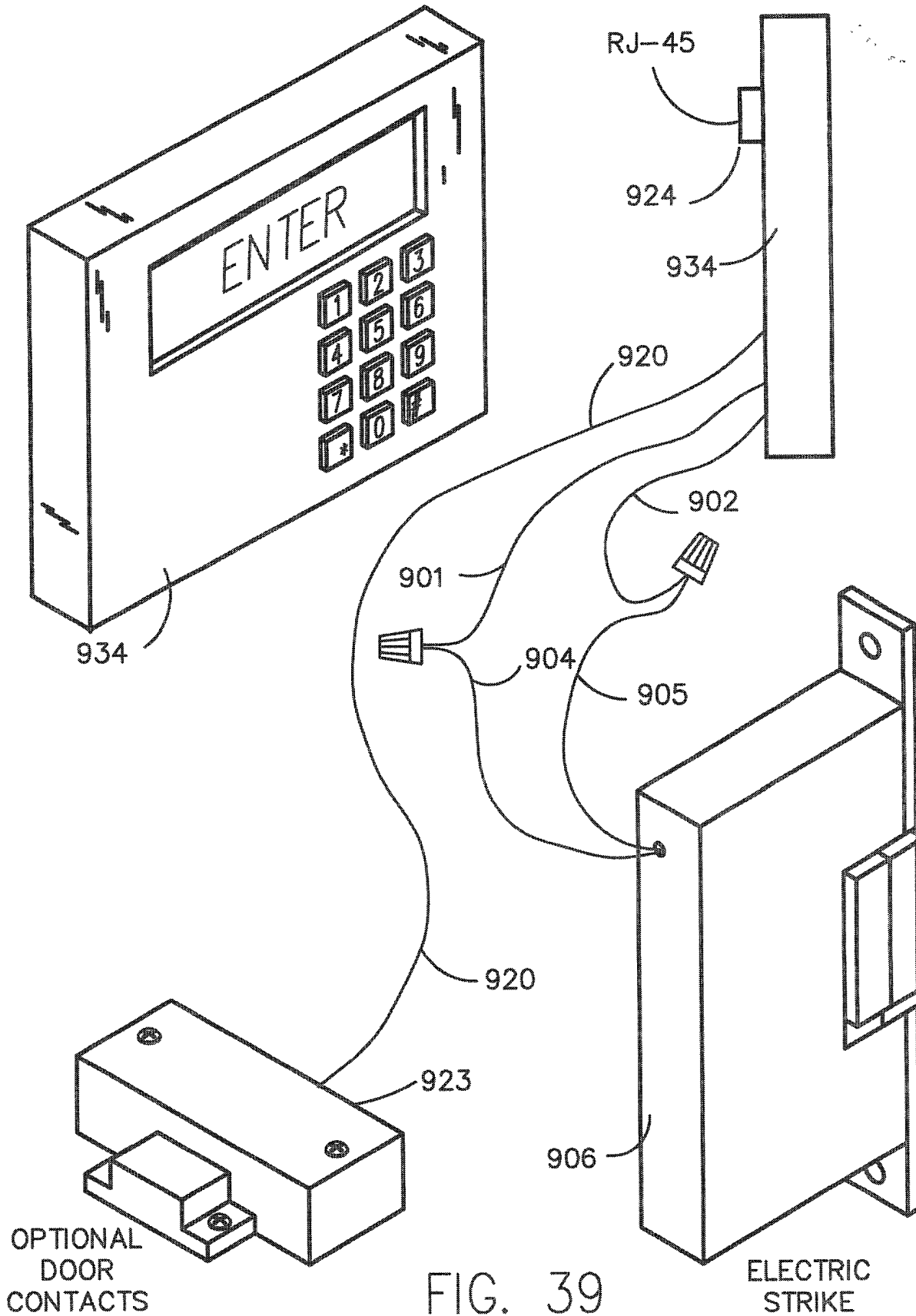
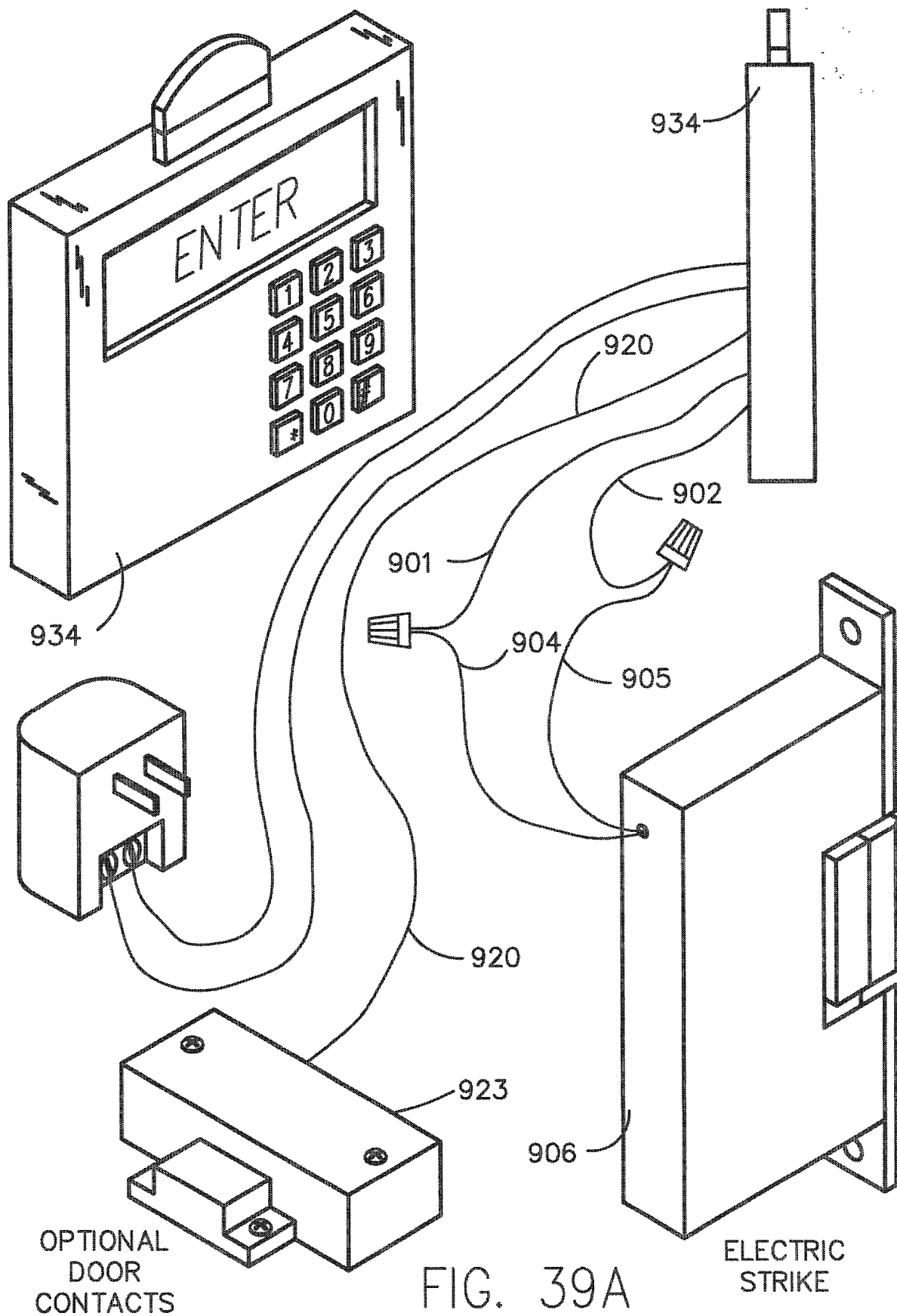


FIG. 39

ELECTRIC STRIKE



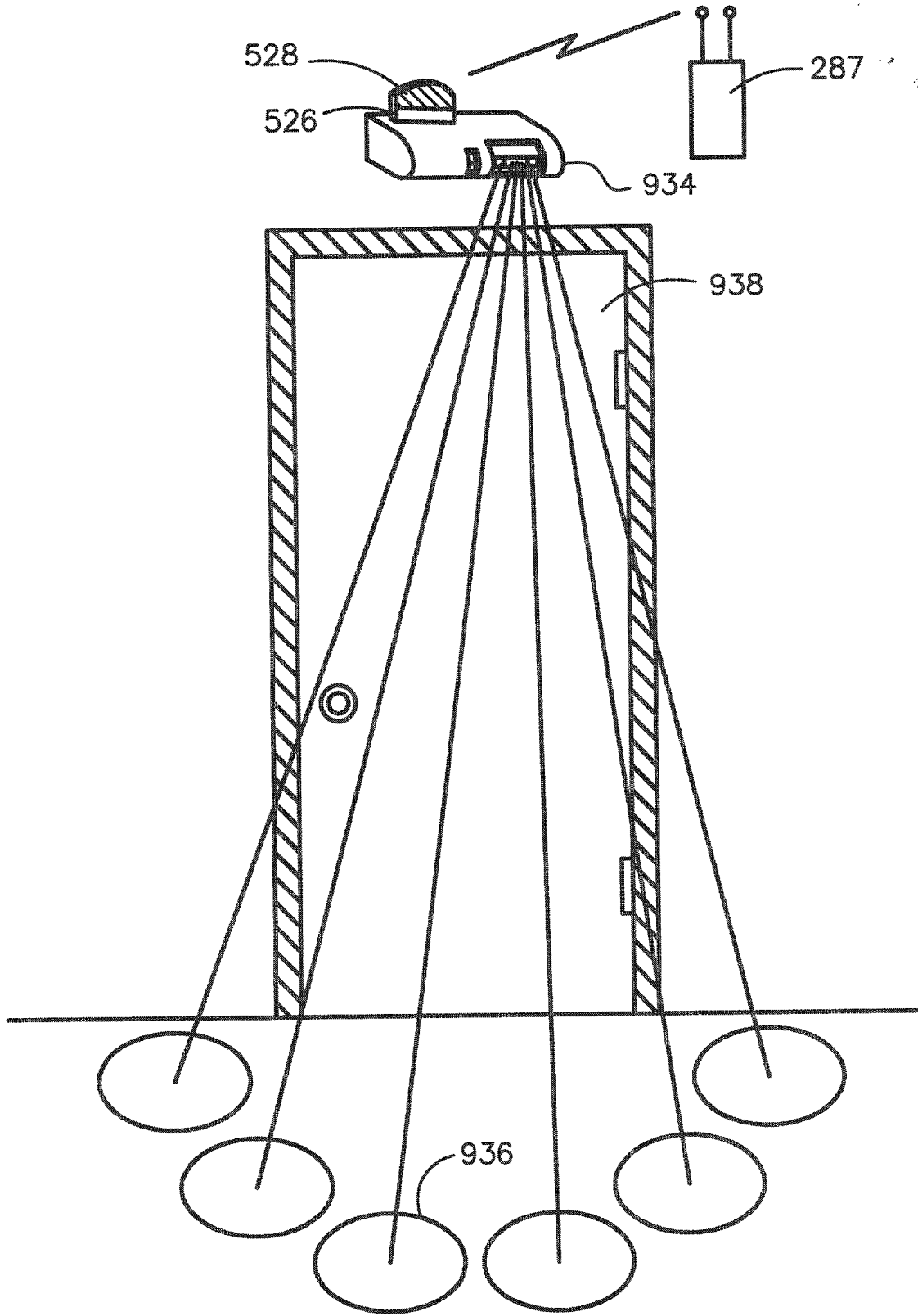
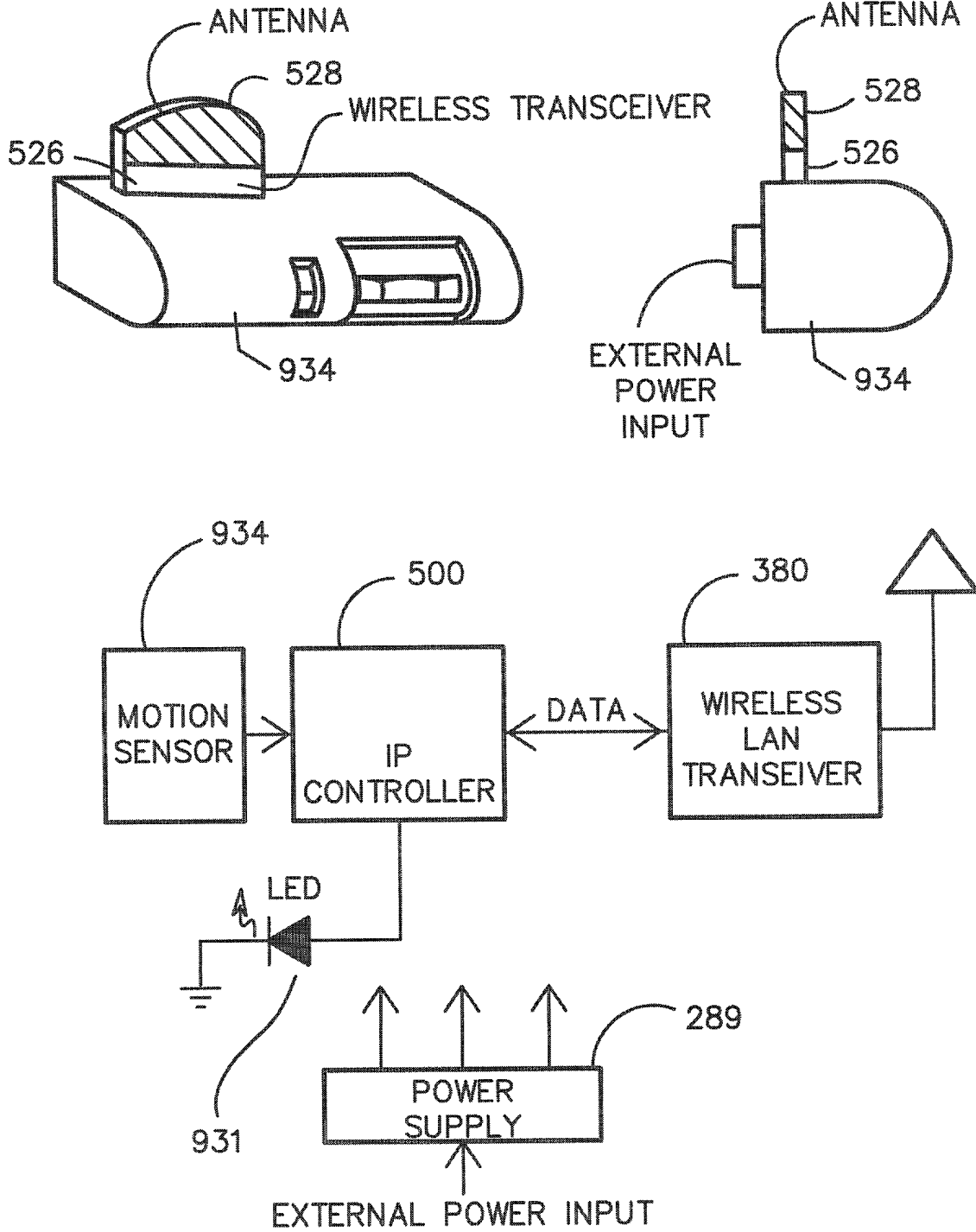


FIG. 40



WIRELESS EXIT SENSOR

FIG. 40A

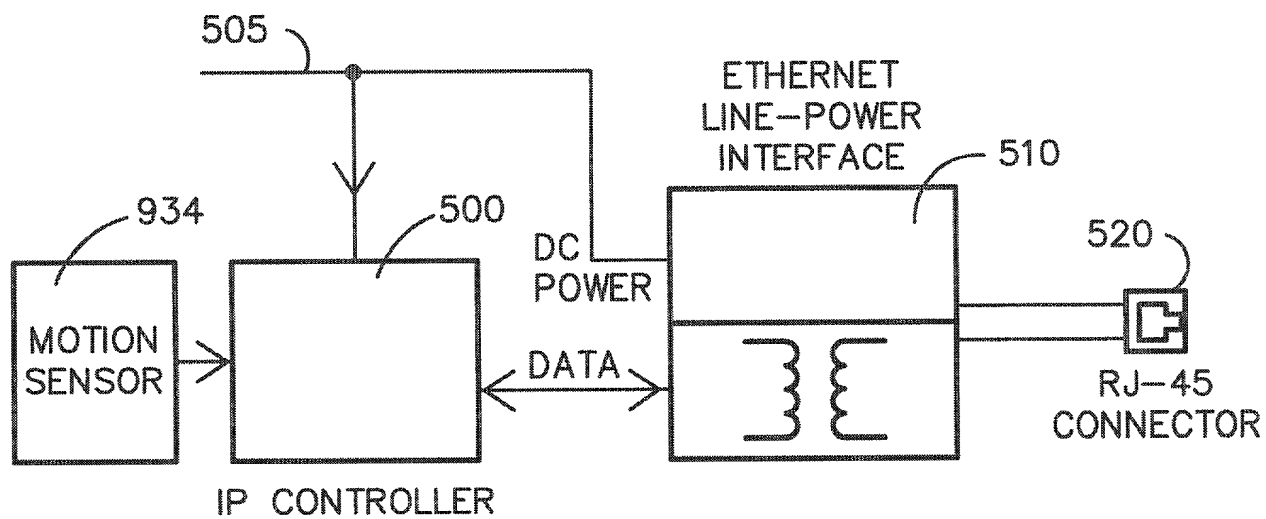
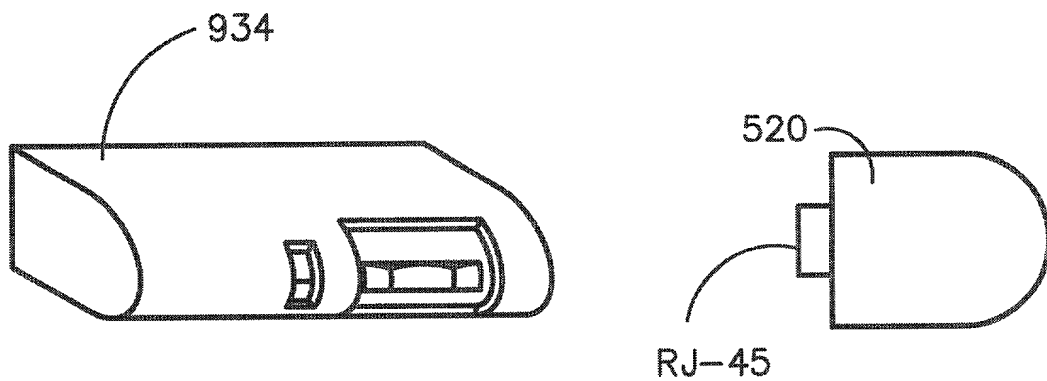


FIG. 40B



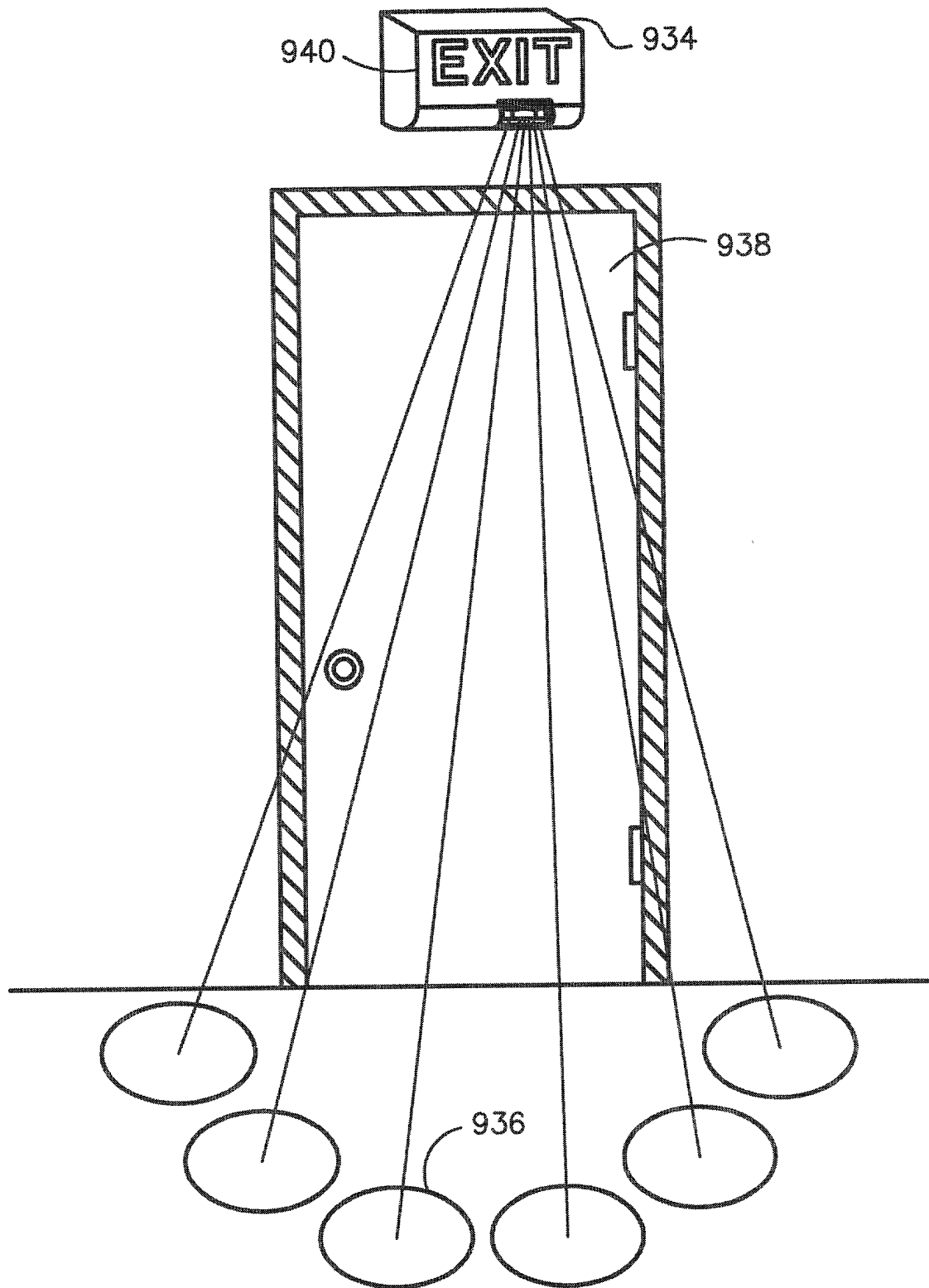


FIG. 40C

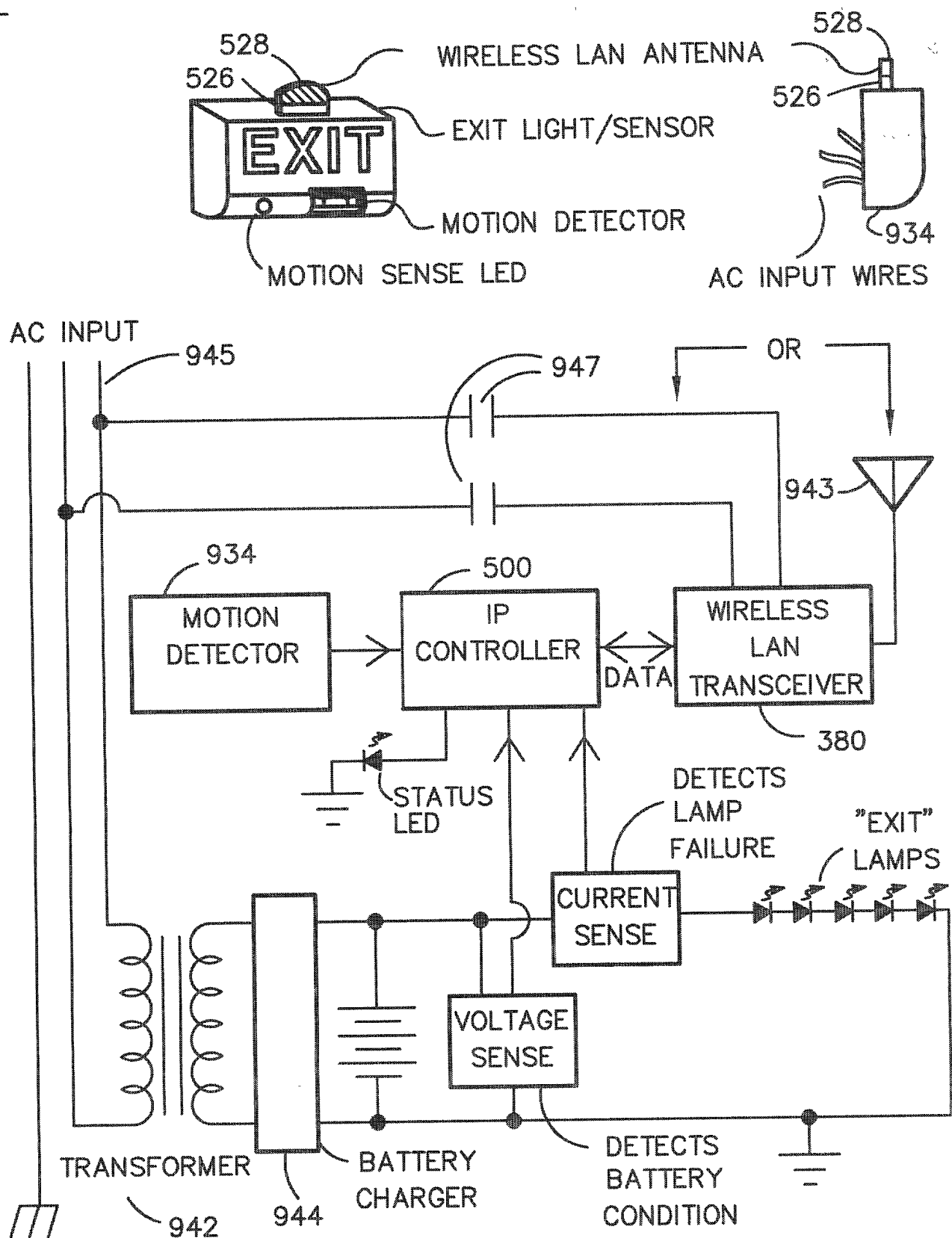


FIG. 40D

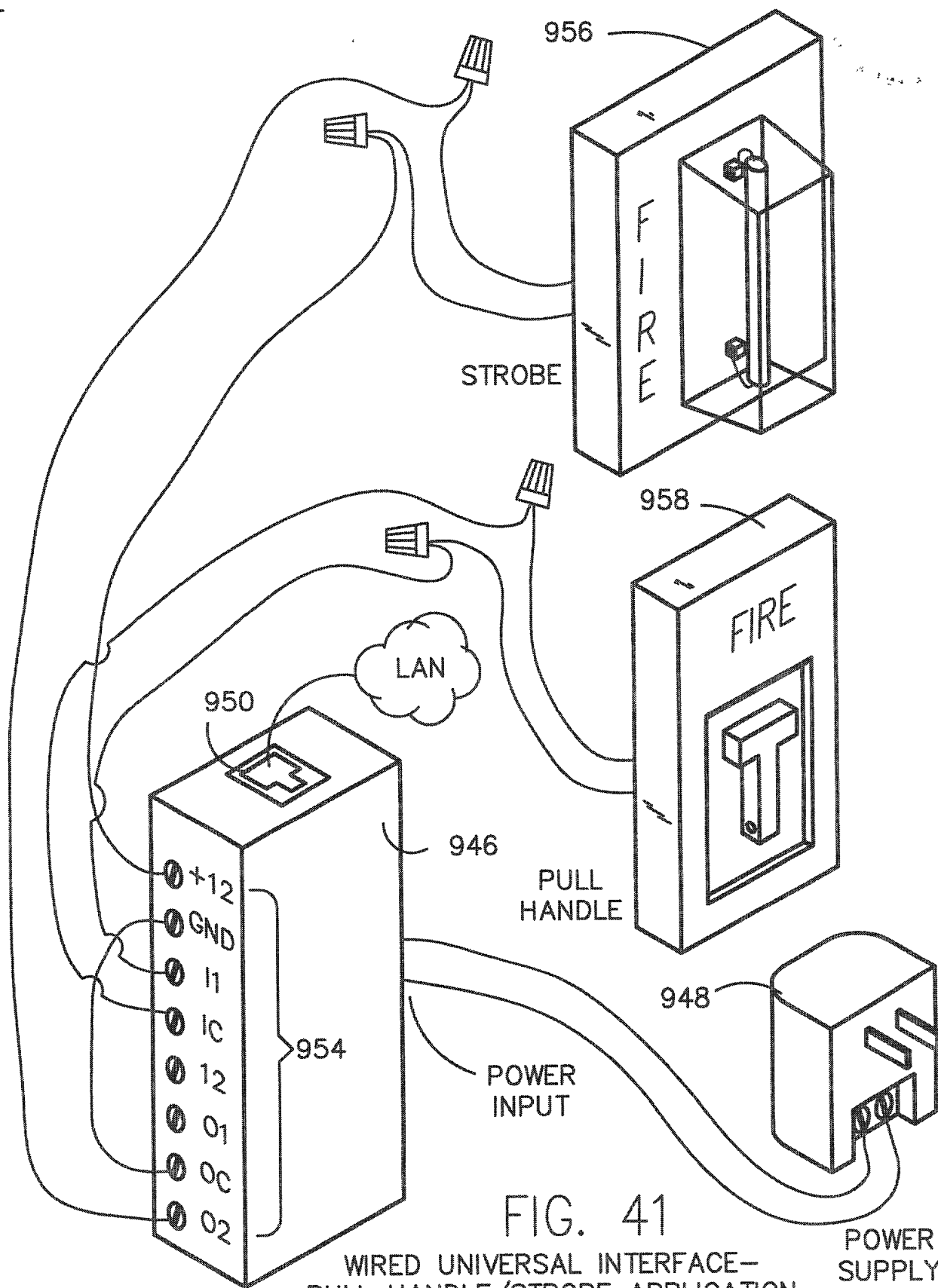


FIG. 41  
WIRED UNIVERSAL INTERFACE—  
PULL HANDLE/STROBE APPLICATION

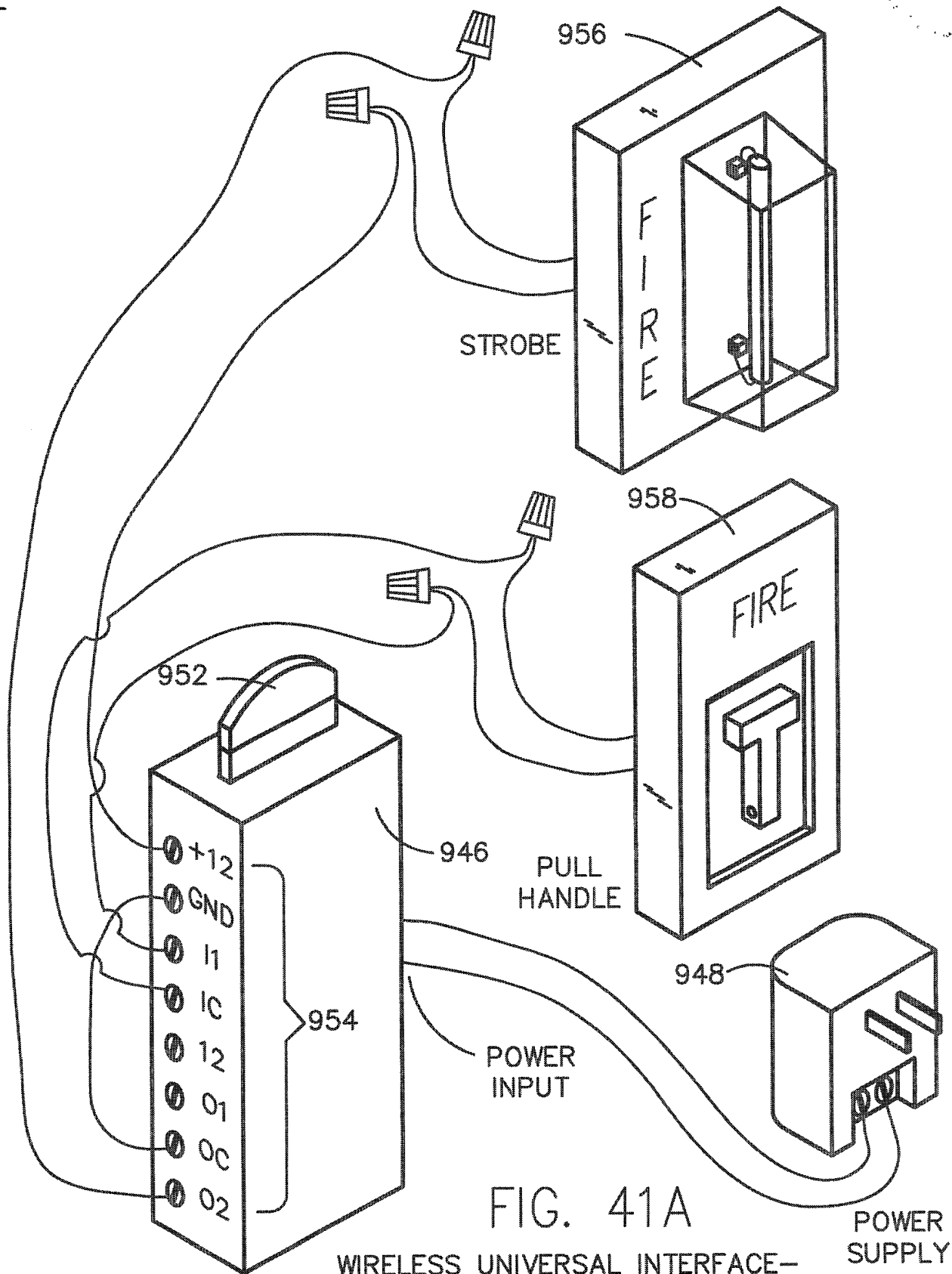


FIG. 41A

WIRELESS UNIVERSAL INTERFACE—  
PULL HANDLE/STROBE APPLICATION

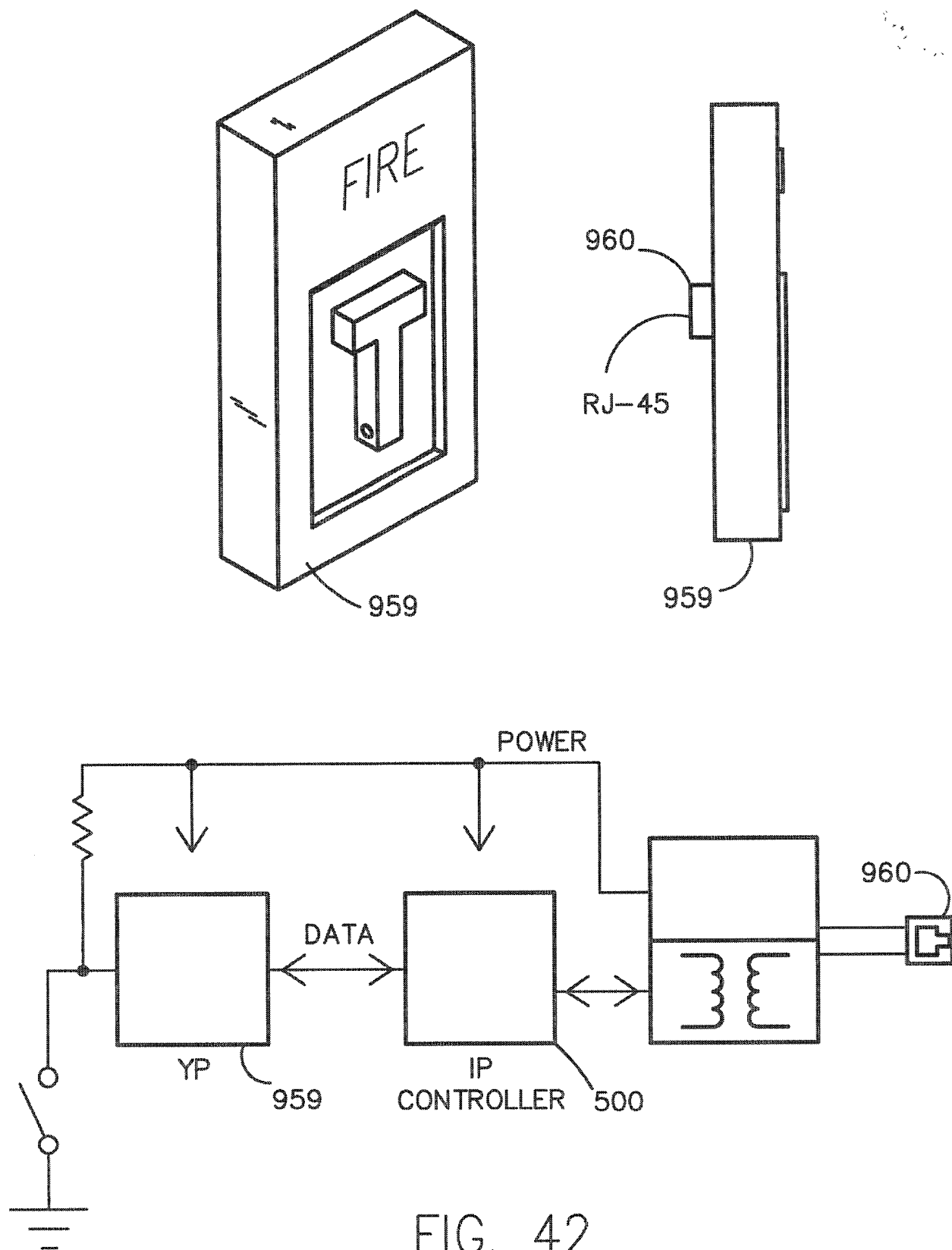


FIG. 42  
WIRED PULL HANDLE

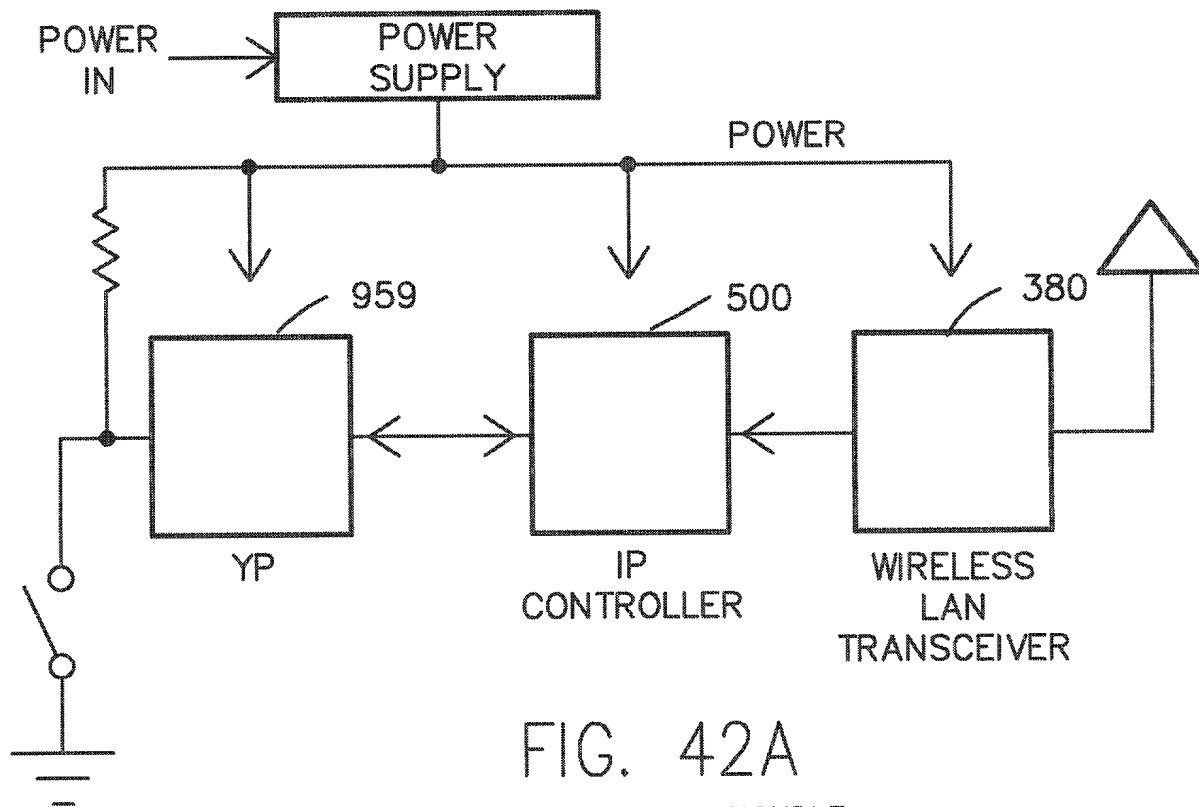
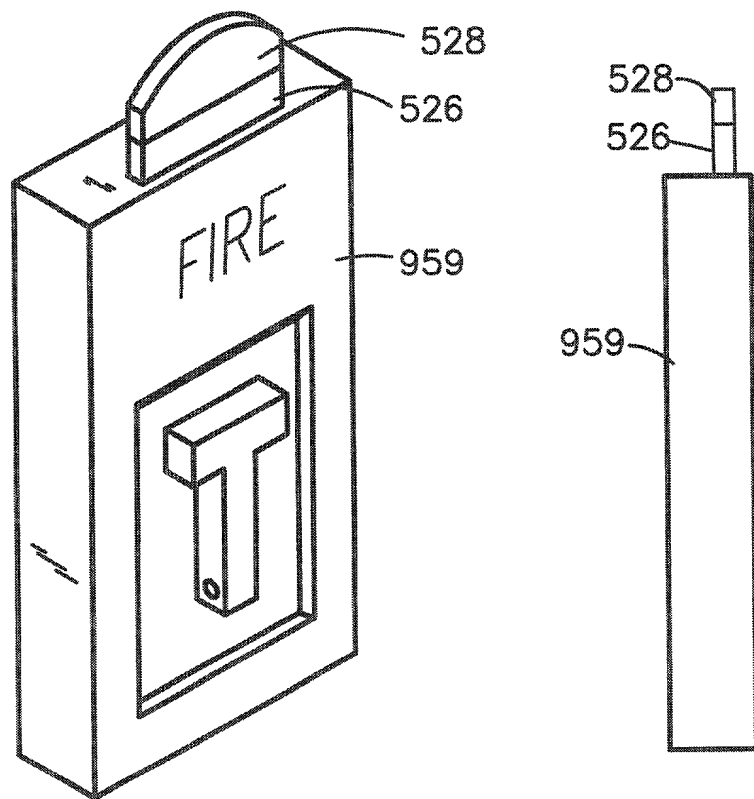
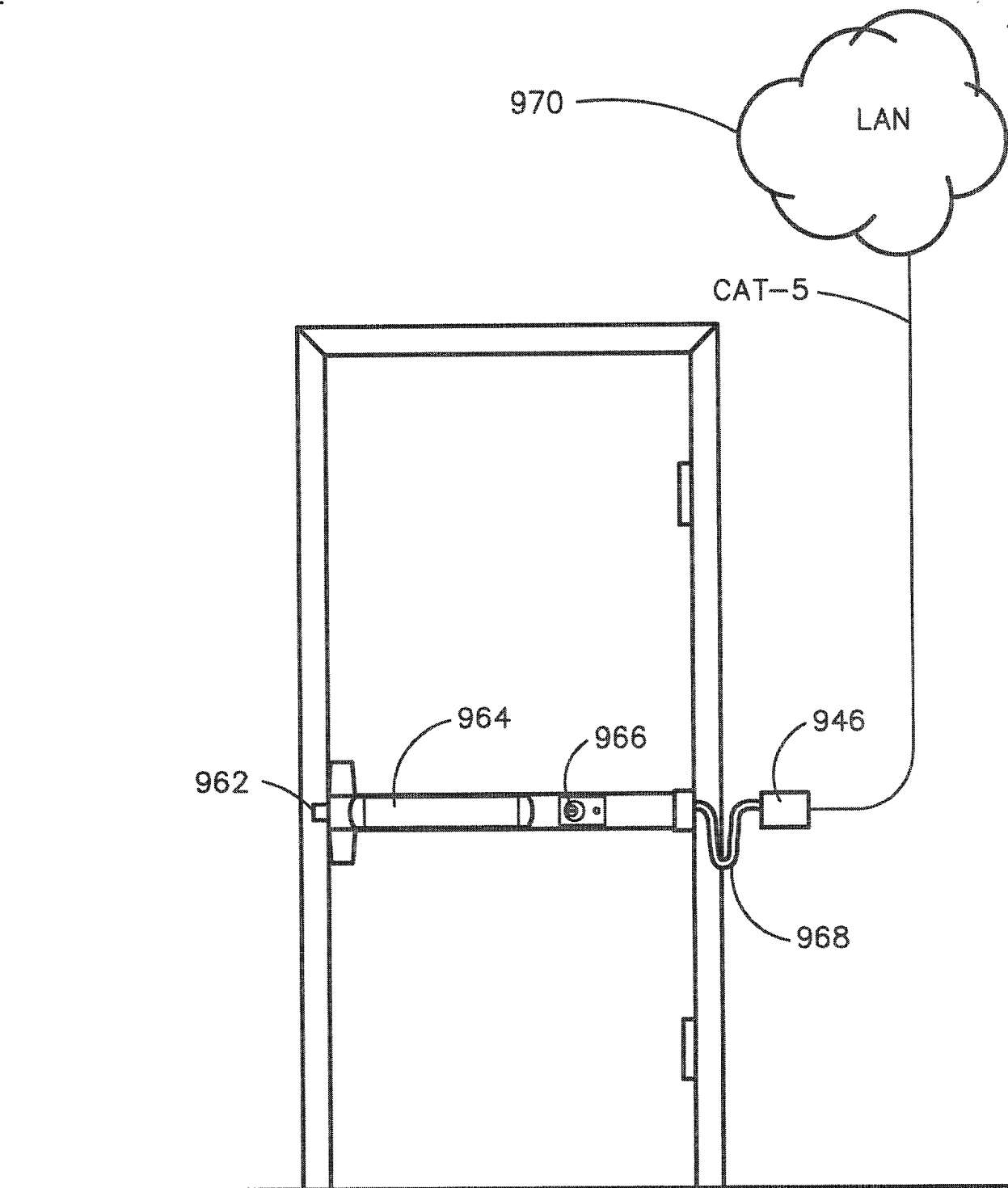


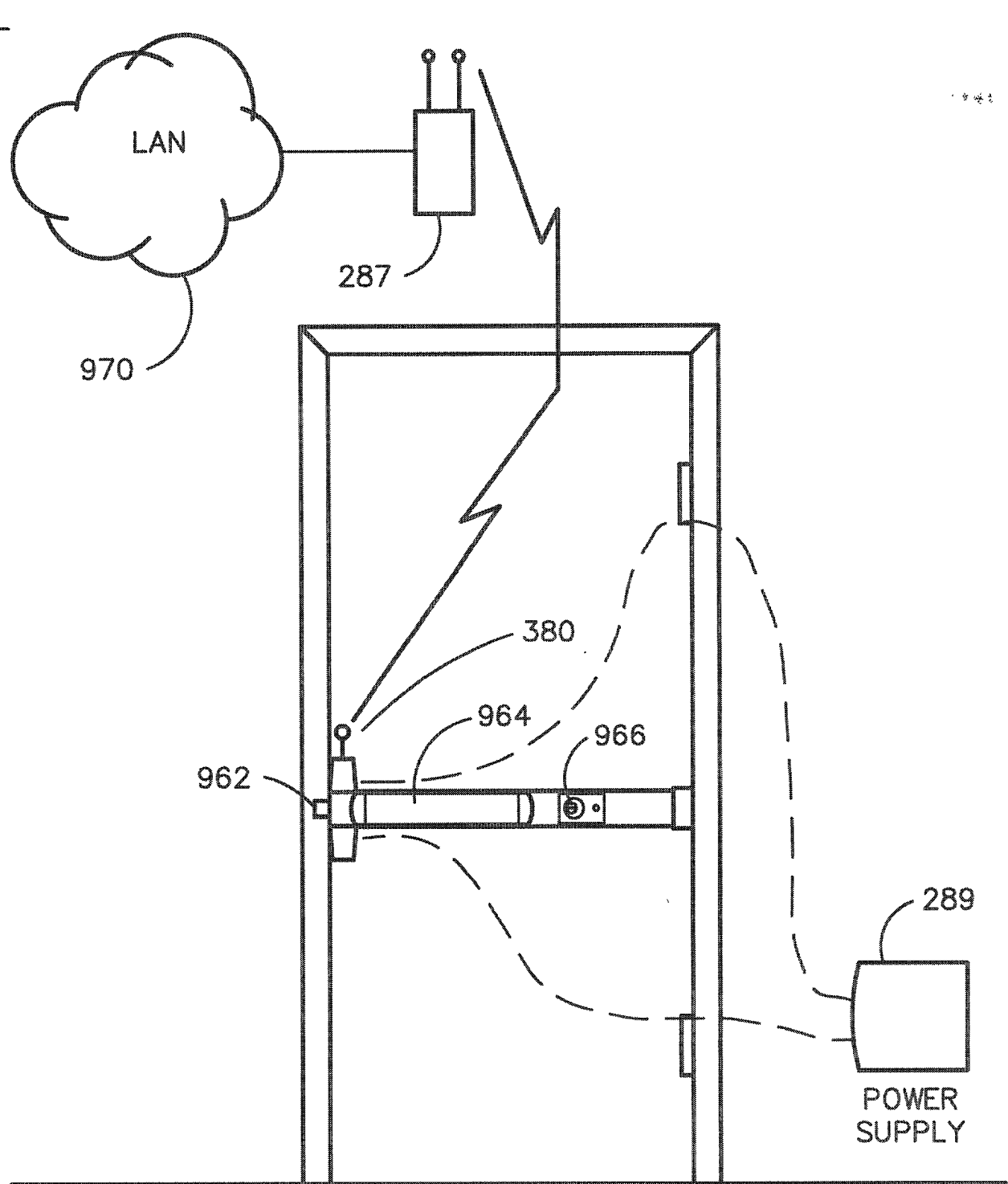
FIG. 42A  
WIRELESS PULL HANDLE



WIRED EXIT DEVICE

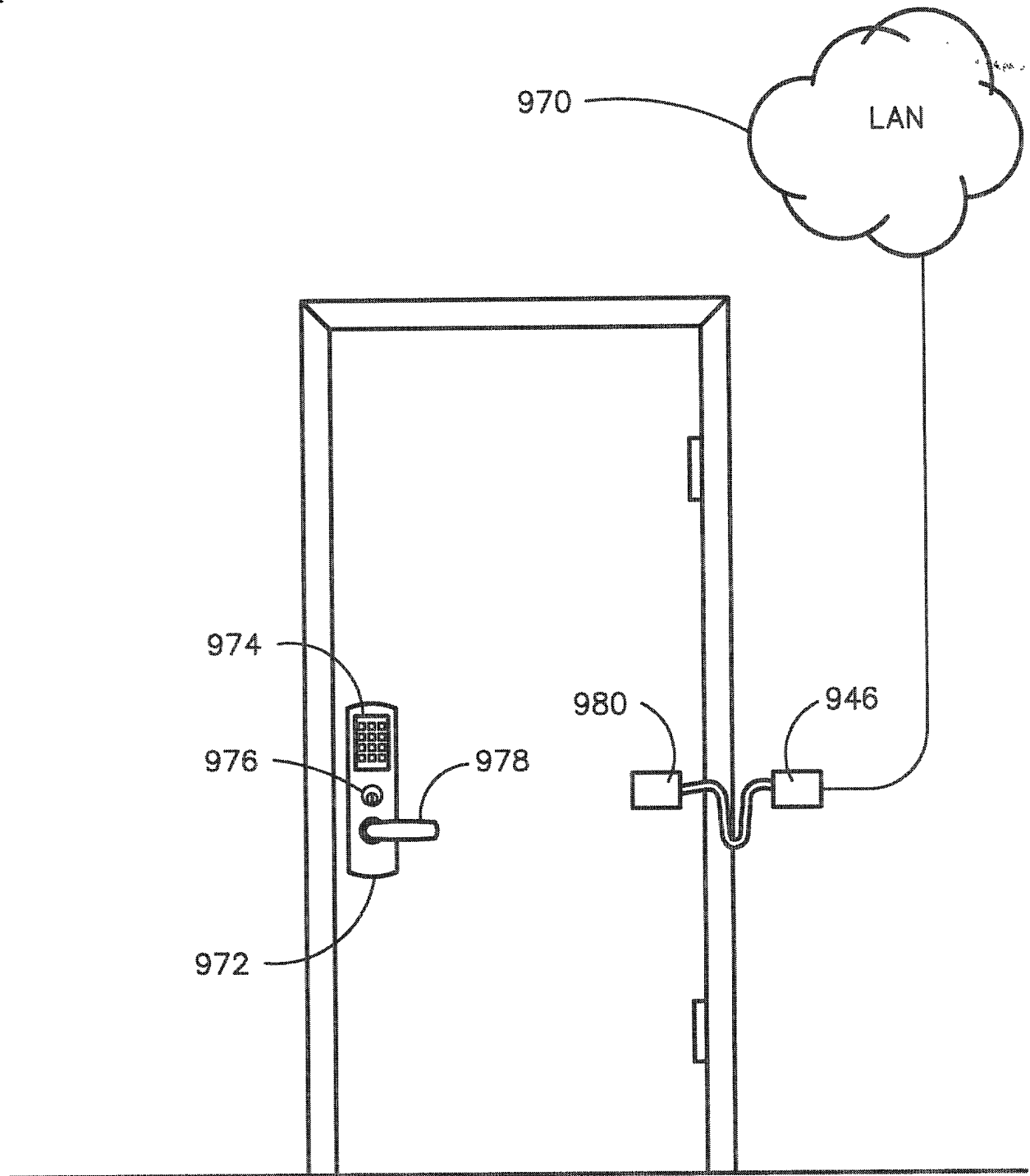
FIG. 43

20090701 09:56:00



WIRELESS EXIT DEVICE

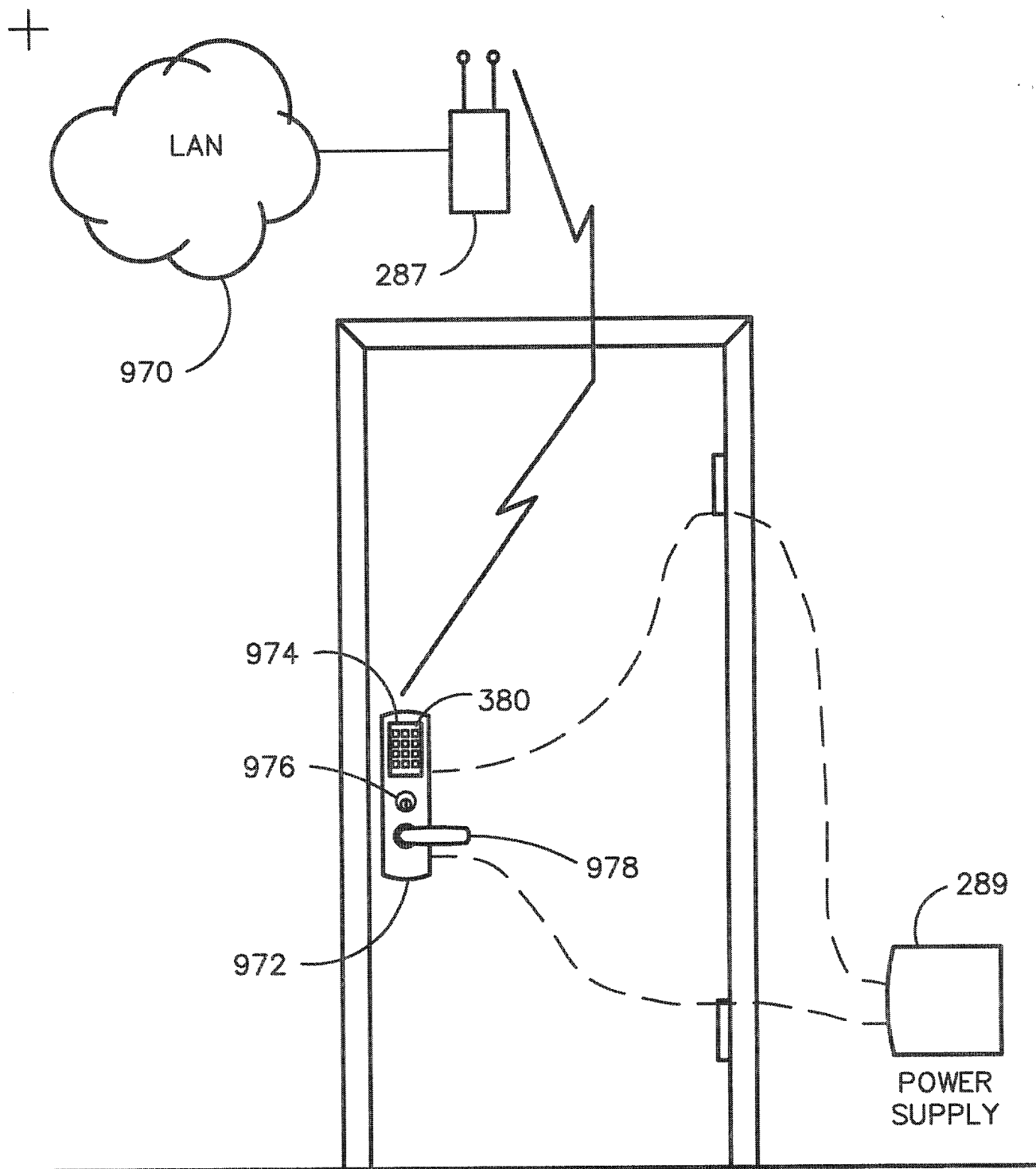
FIG. 43A



WIRED KEYPAD MORTISE LOCK

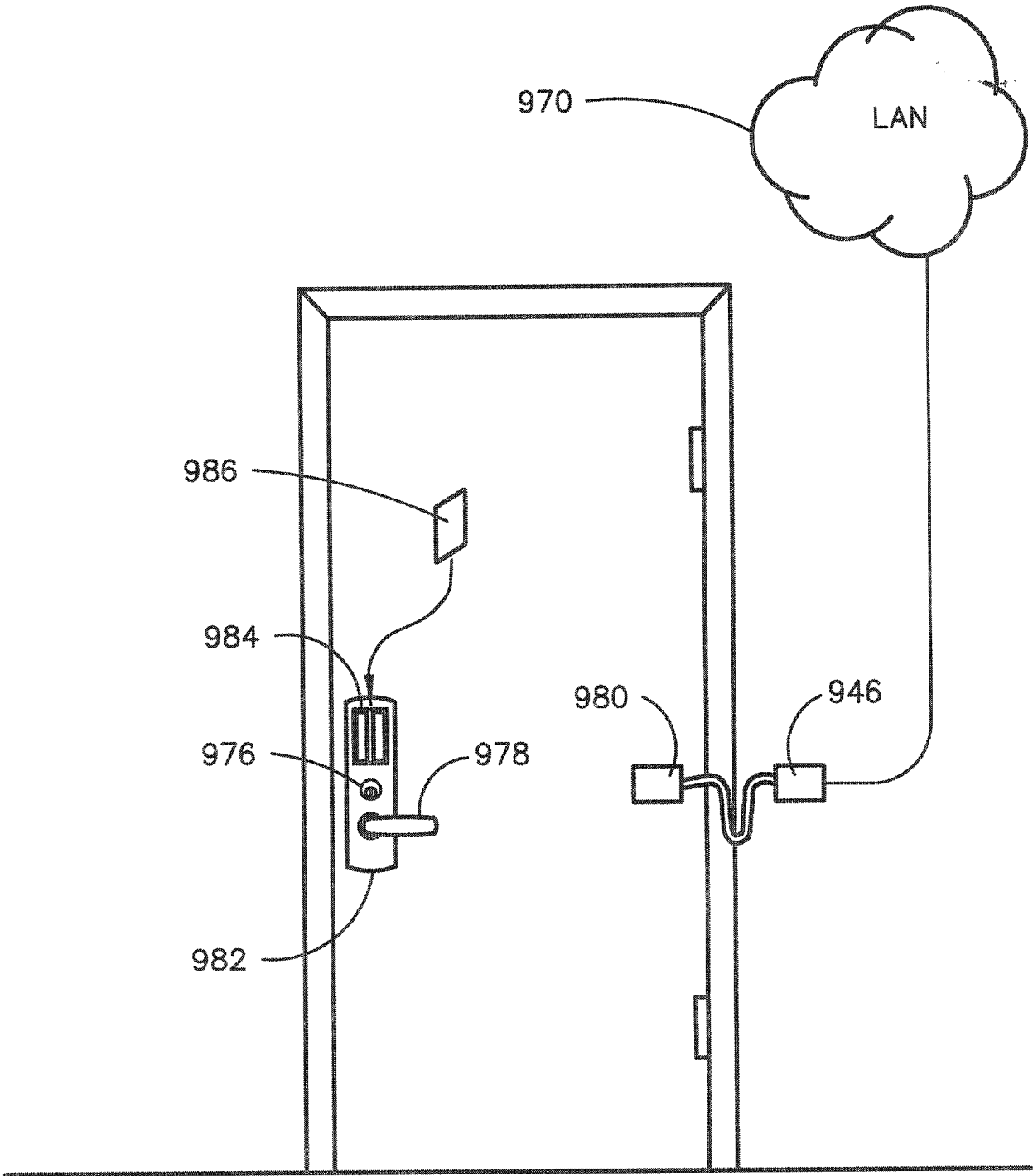
FIG. 44

2020100130.01060



WIRELESS KEYPAD MORTISE LOCK

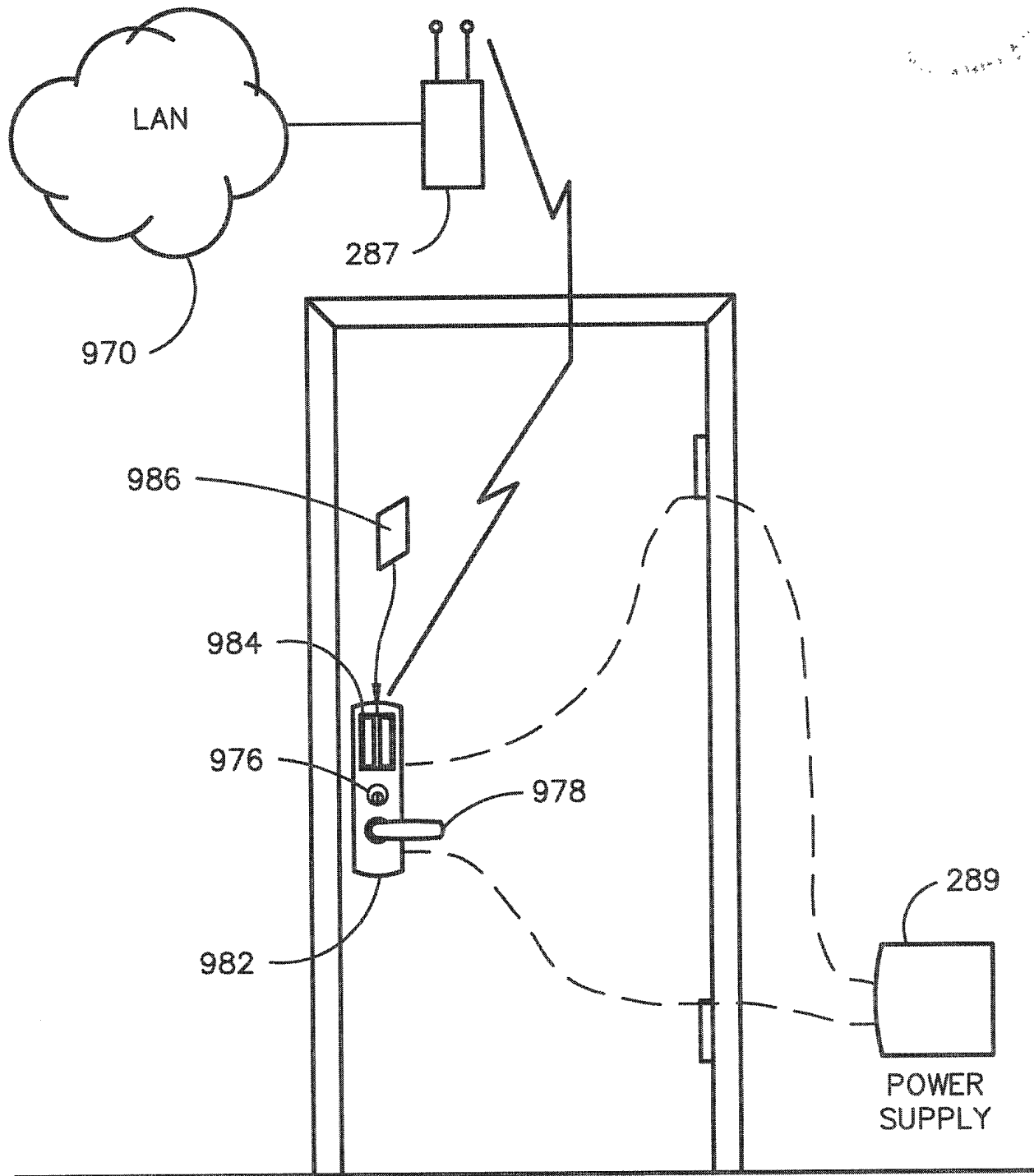
FIG. 44A



WIRED SWIPE CARD READER MORTISE

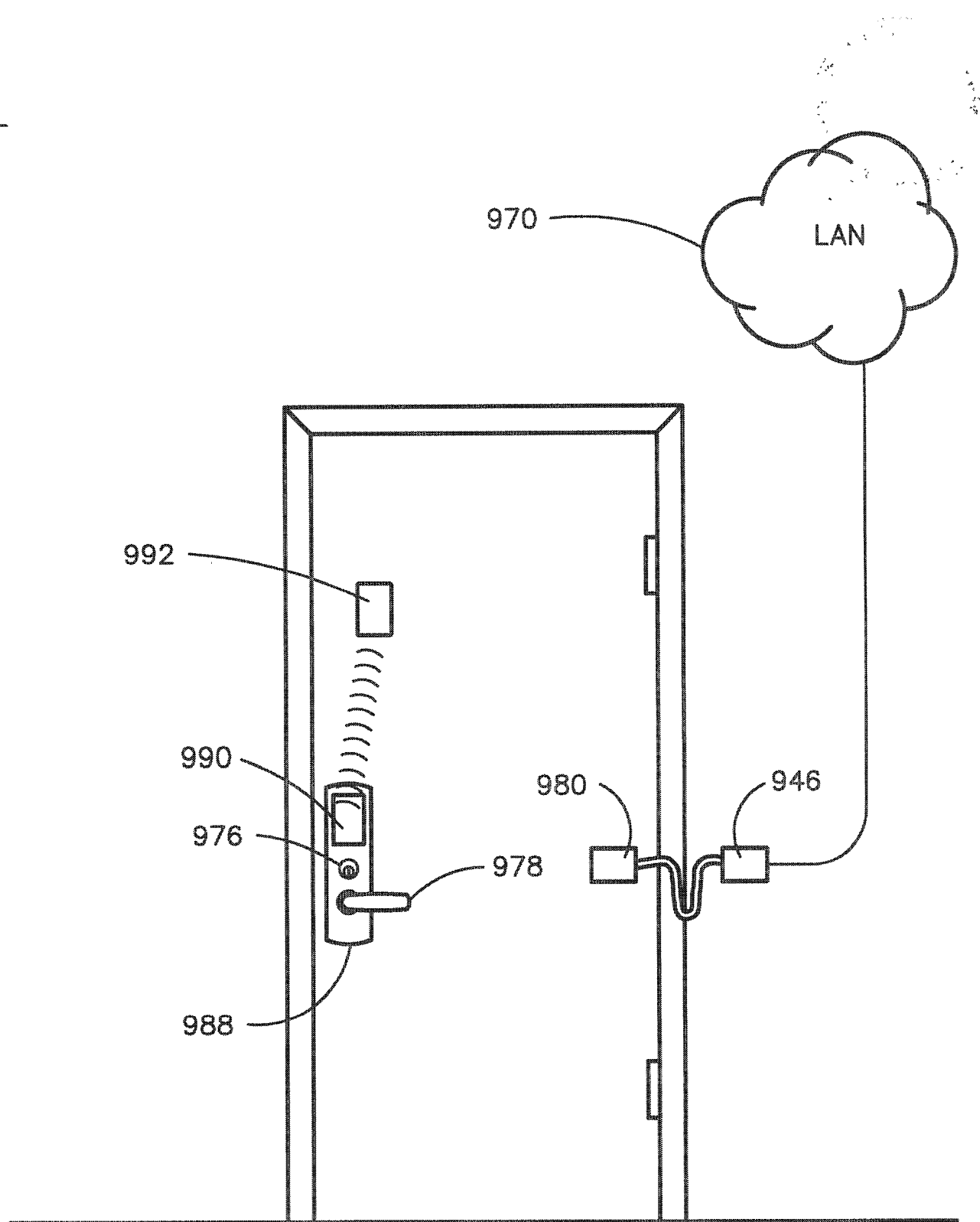
FIG. 45

2020-06-13 01:00



WIRELESS SWIPE CARD MORTISE LOCK

FIG. 45A



WIRED PROXIMITY CARD READER MORTISE LOCK

FIG. 46

FIG. 46A



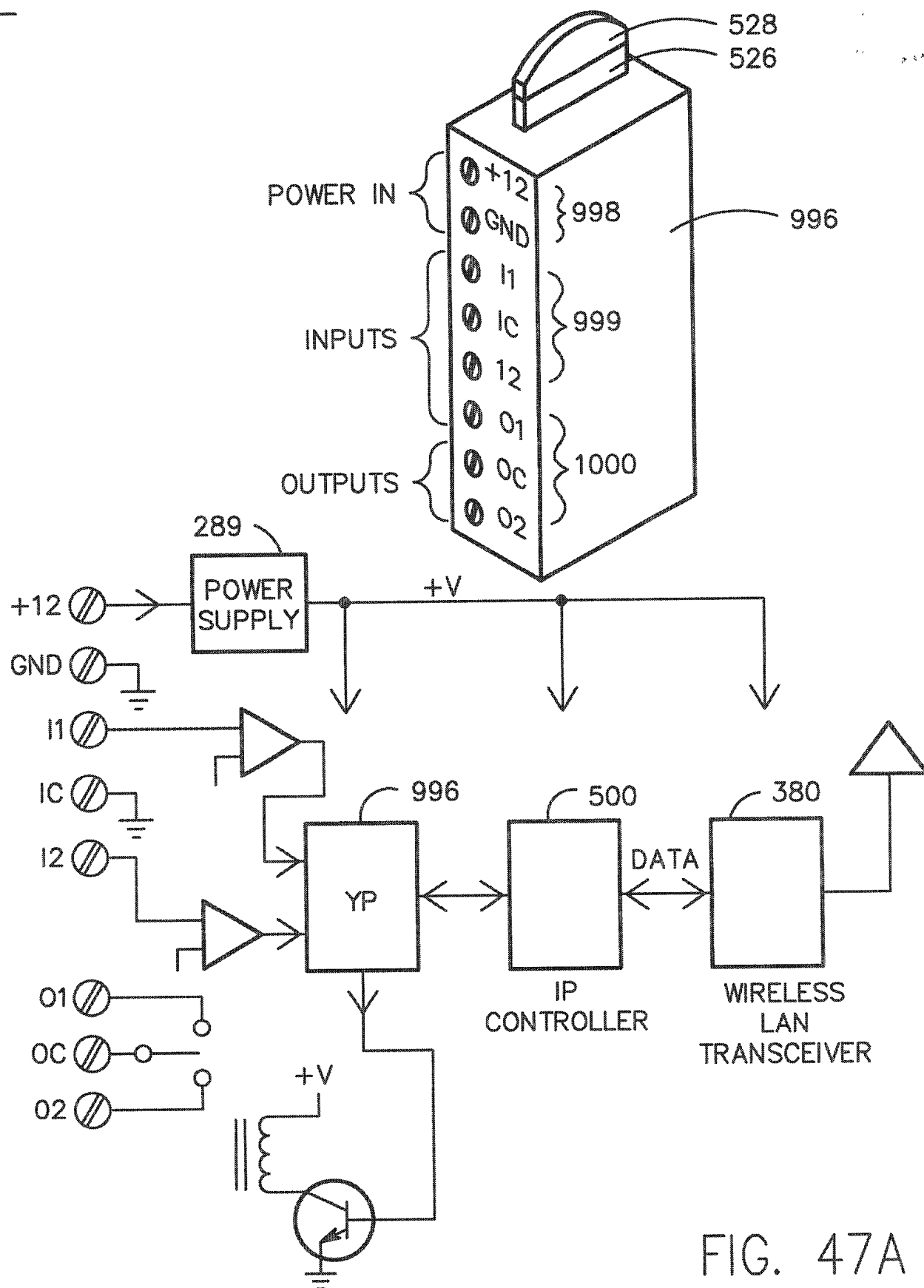


FIG. 47A

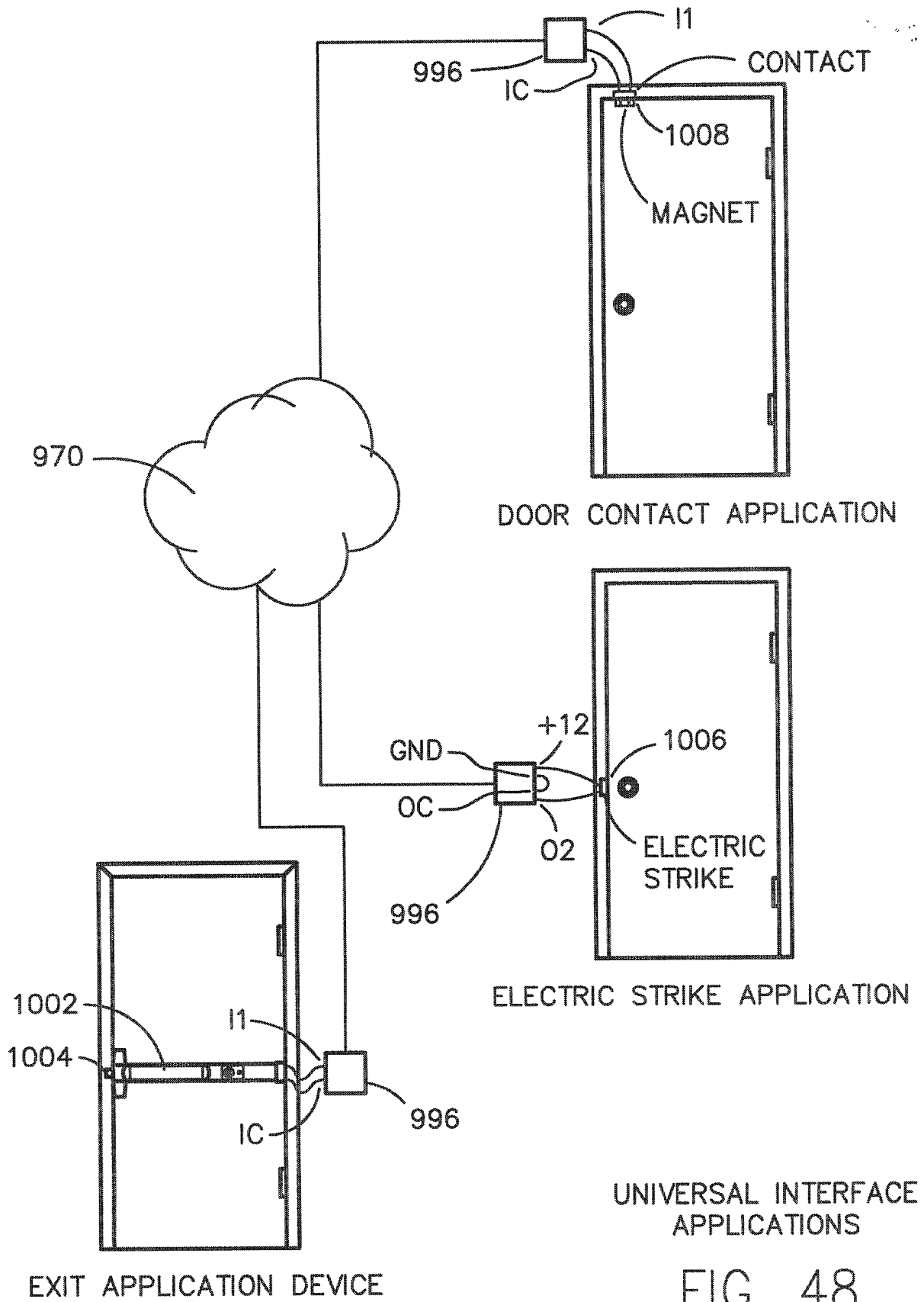


FIG. 48

208070 DET 99660

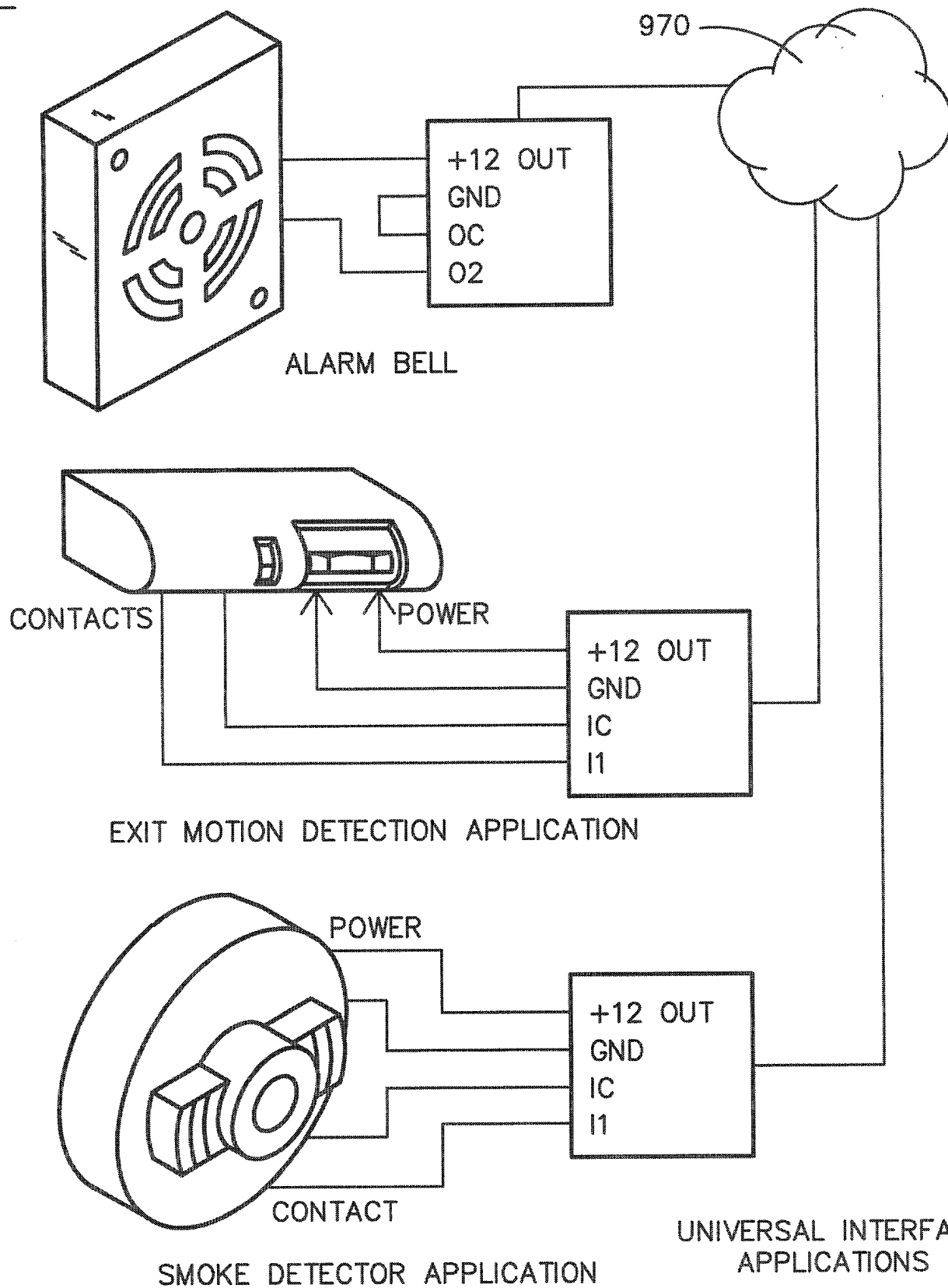


FIG. 49

09966130-010902

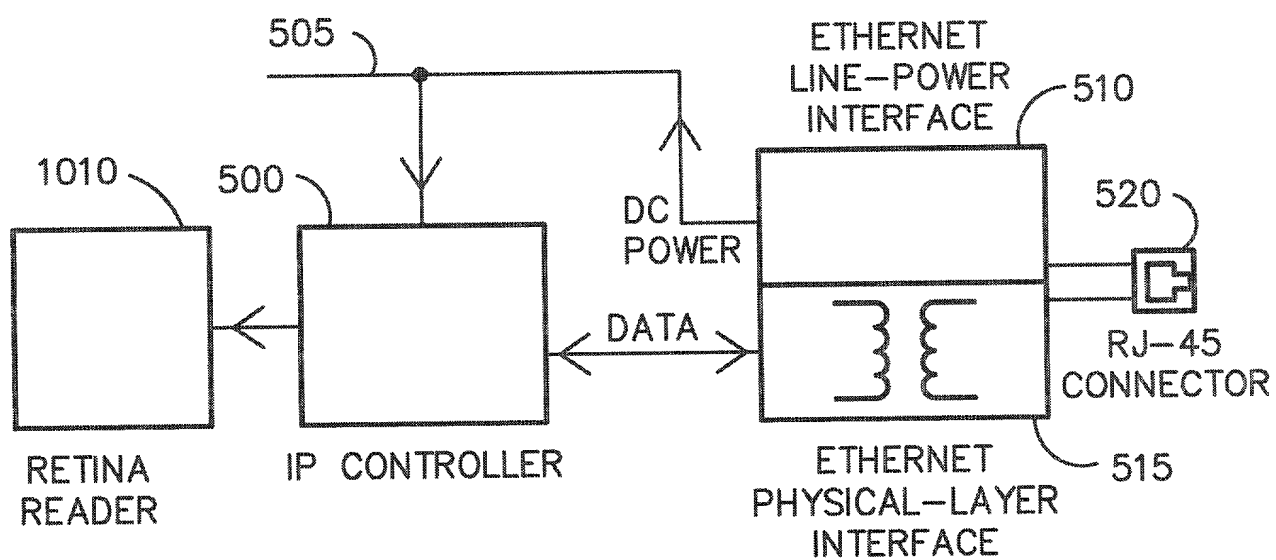
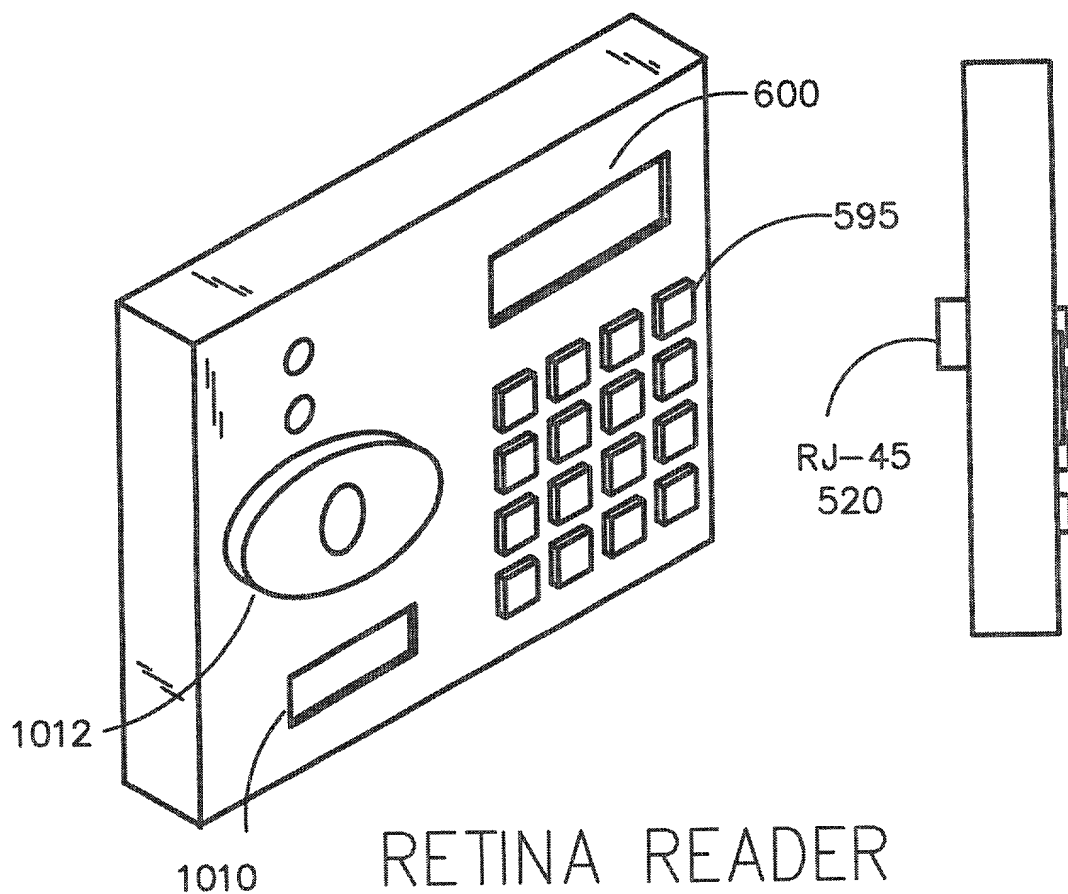


FIG. 49A

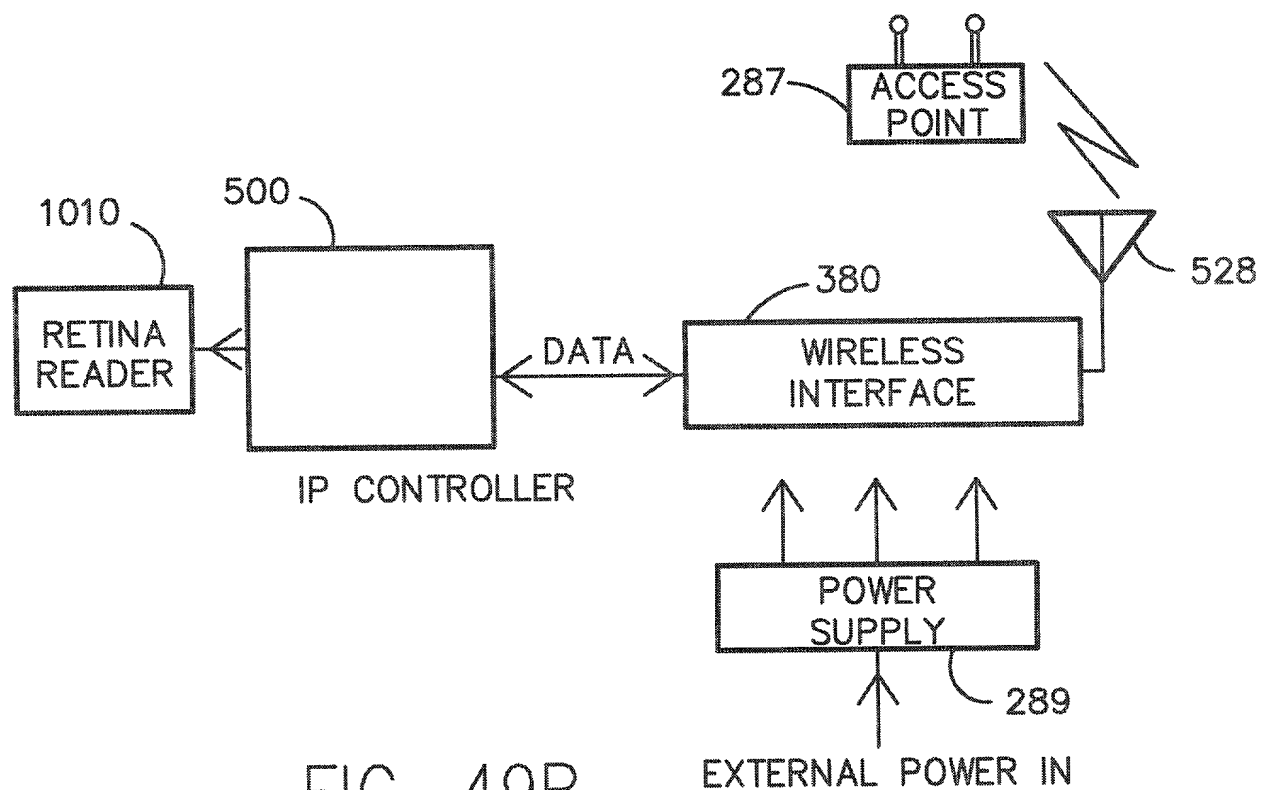
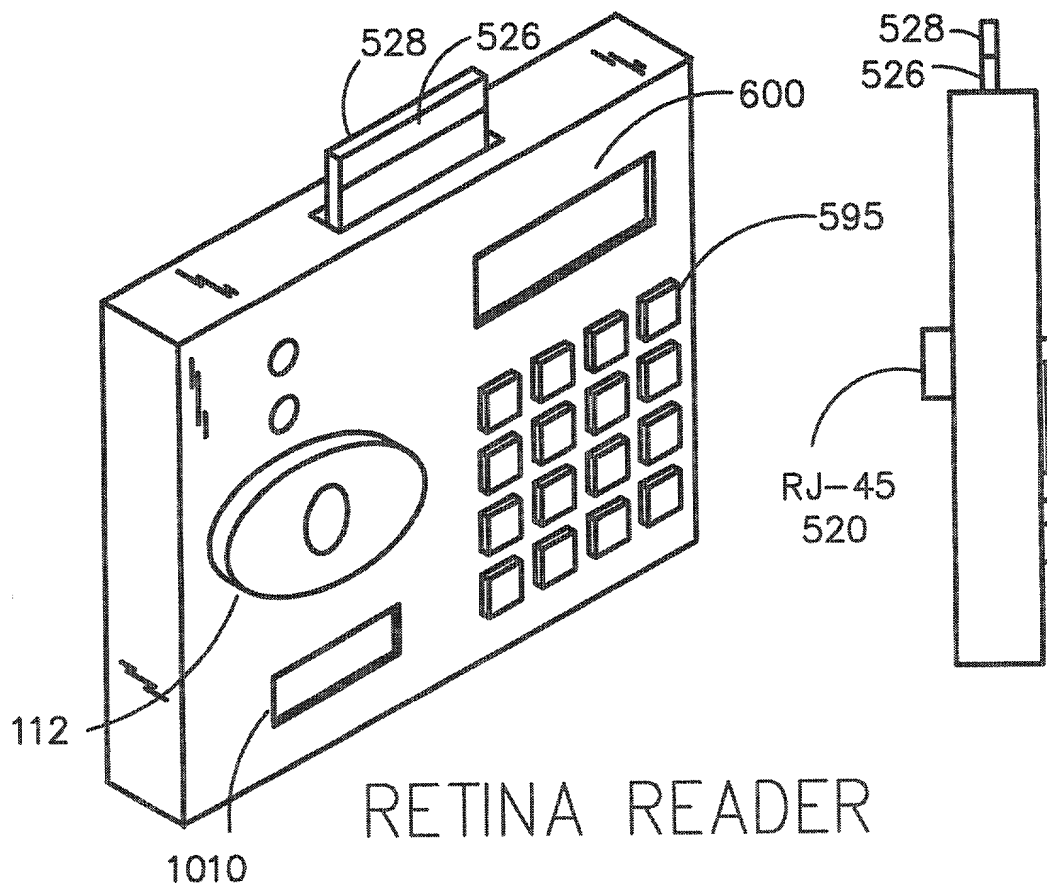


FIG. 49B



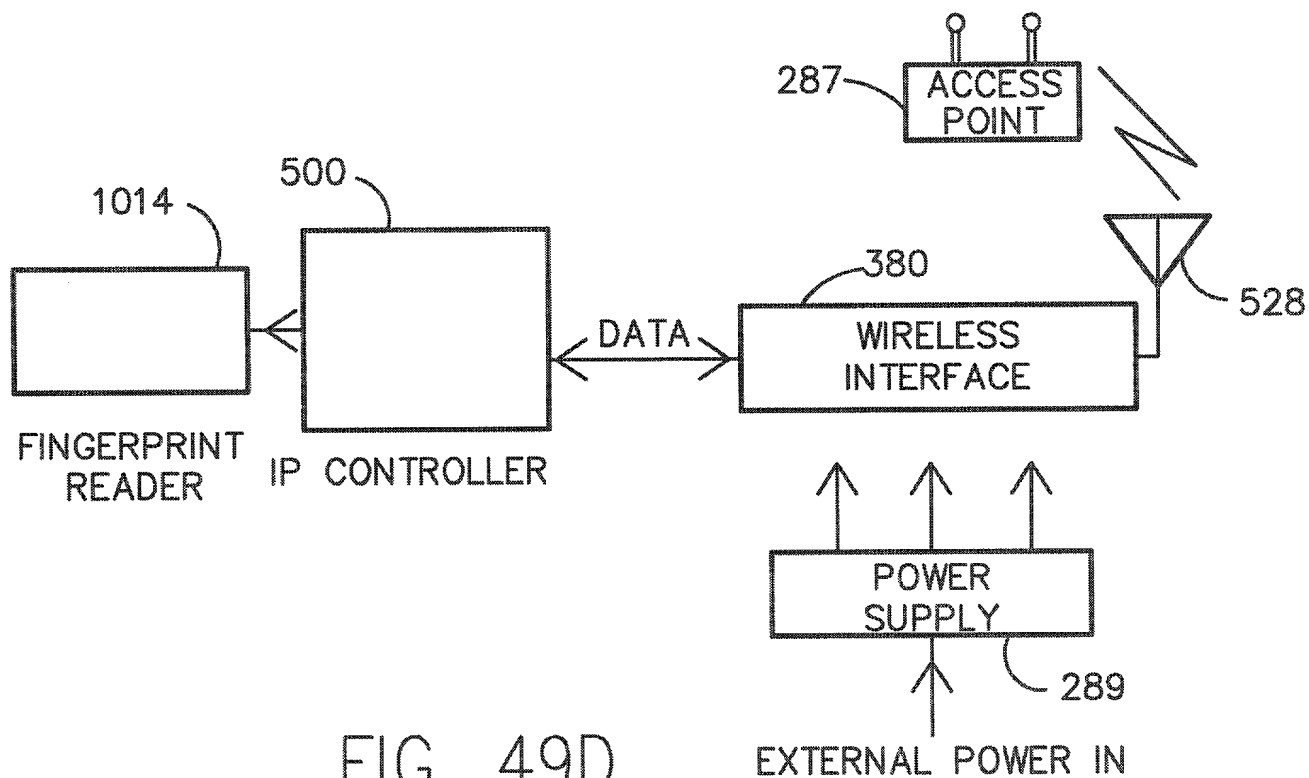
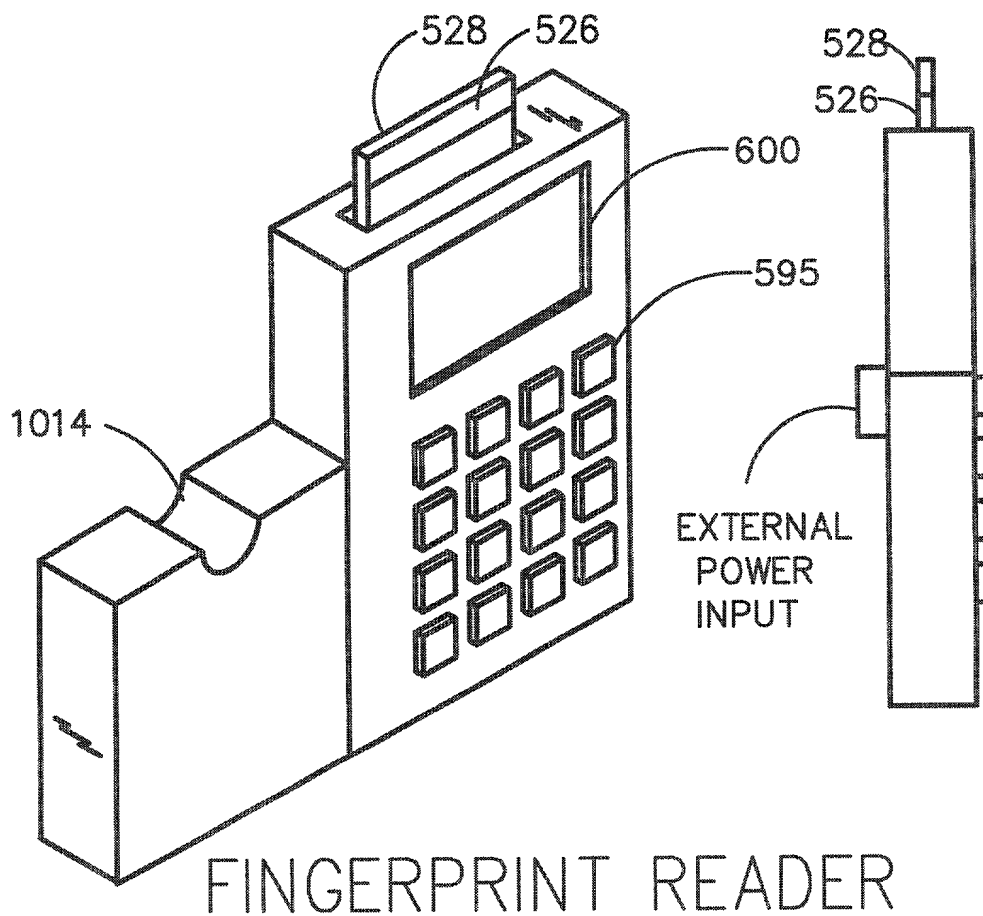
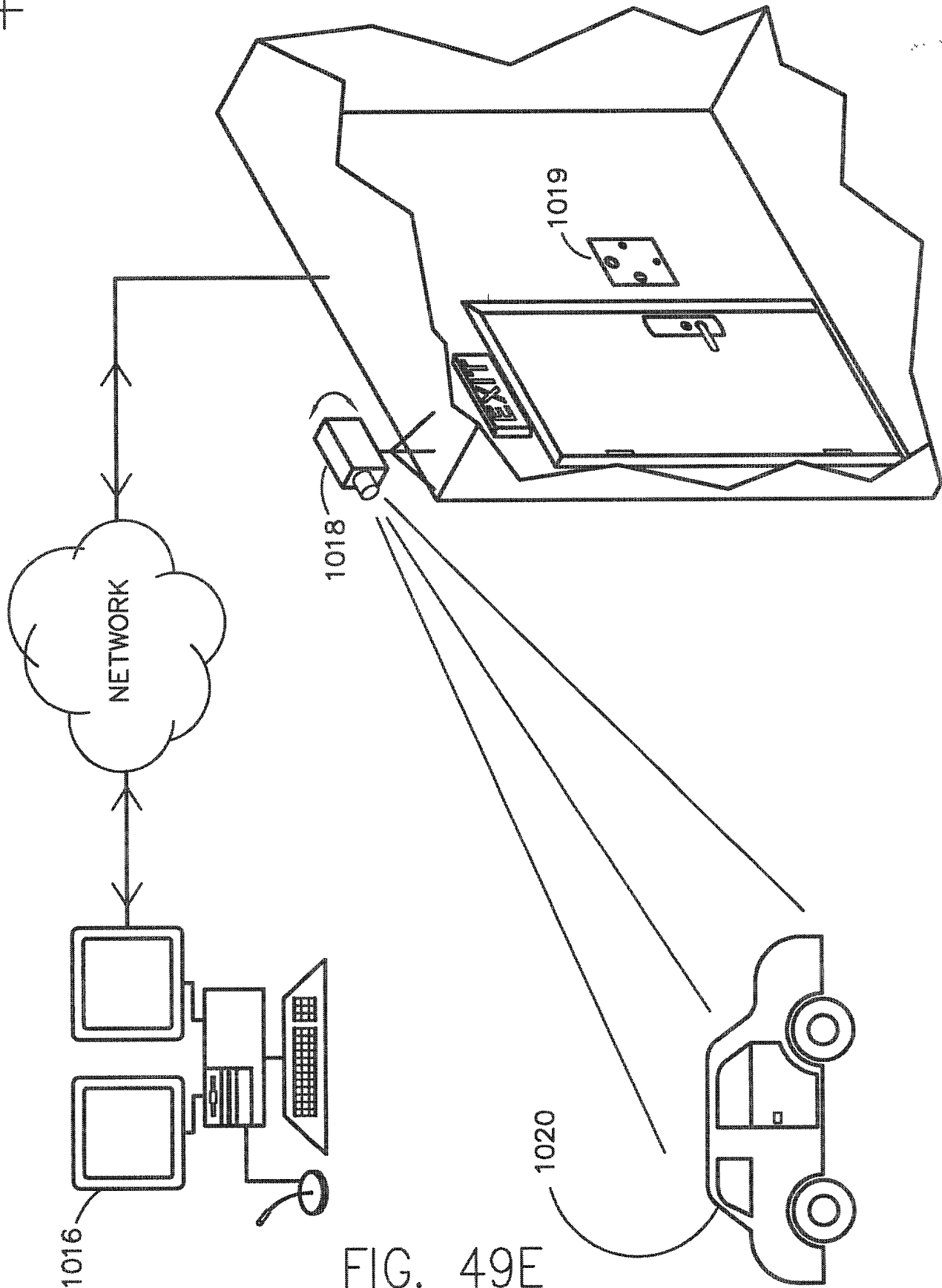


FIG. 49D





# SECURITY APPLIANCE BLOCK DIAGRAM

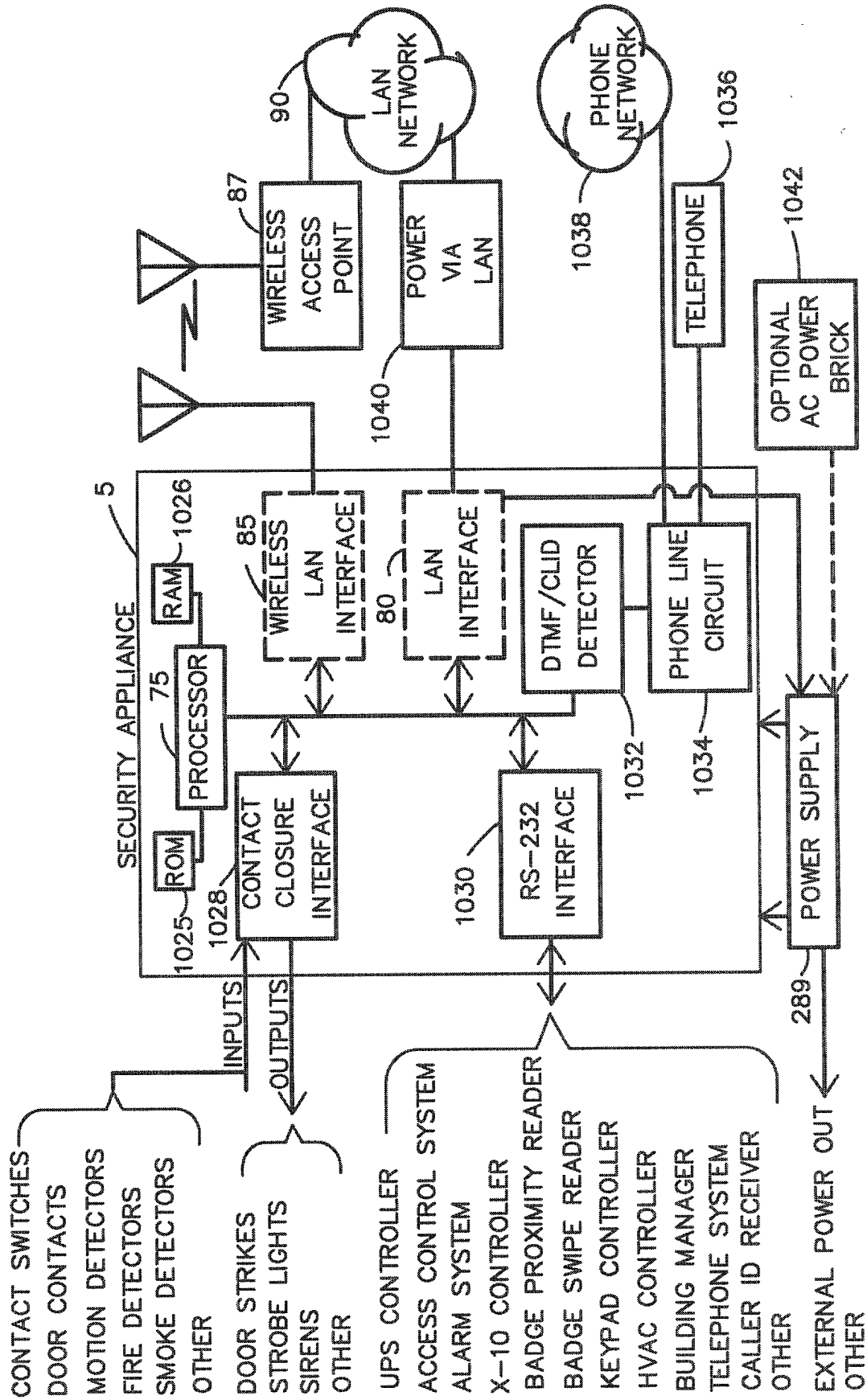


FIG. 50

00956130-010802

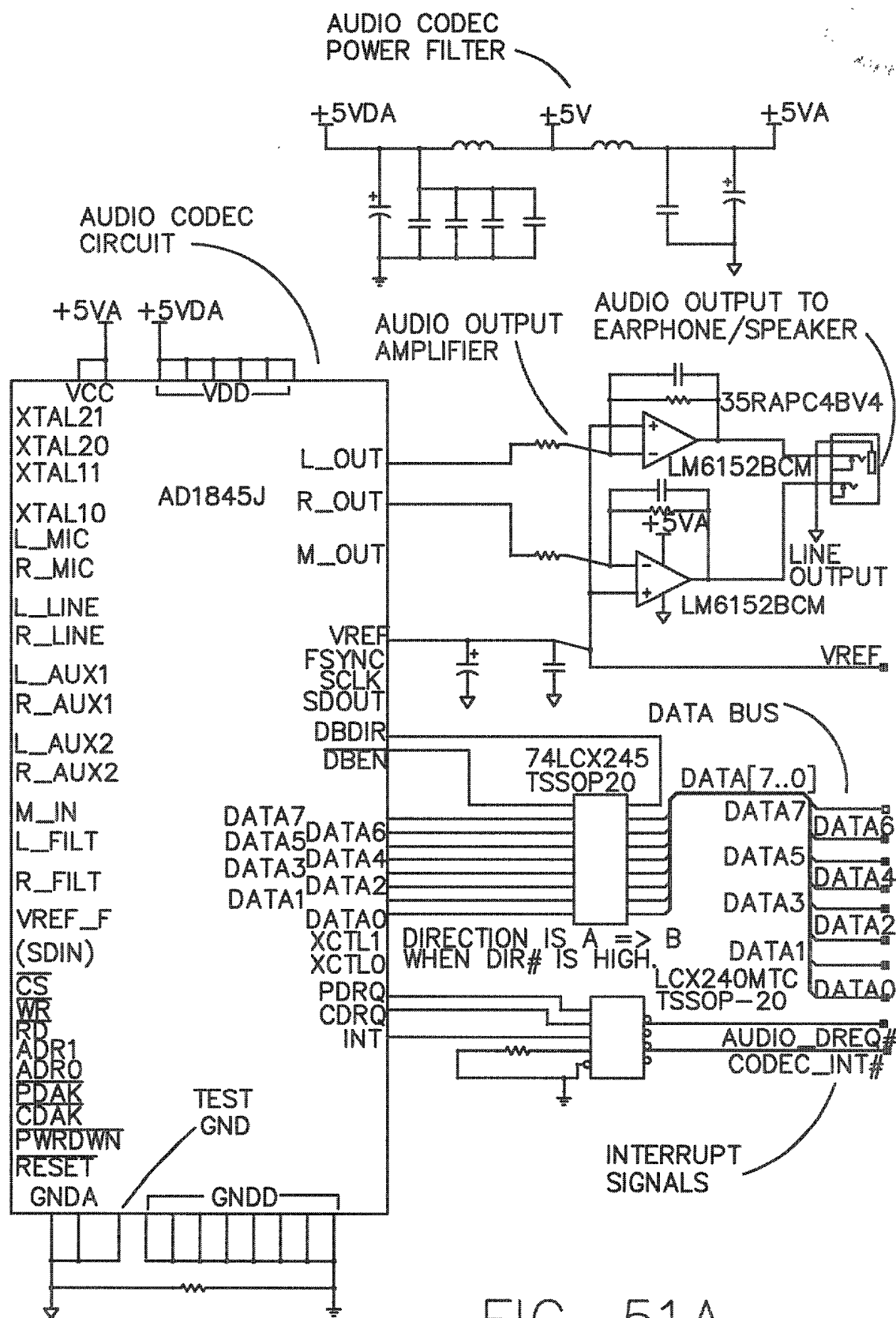


FIG. 51A

203070-0109560

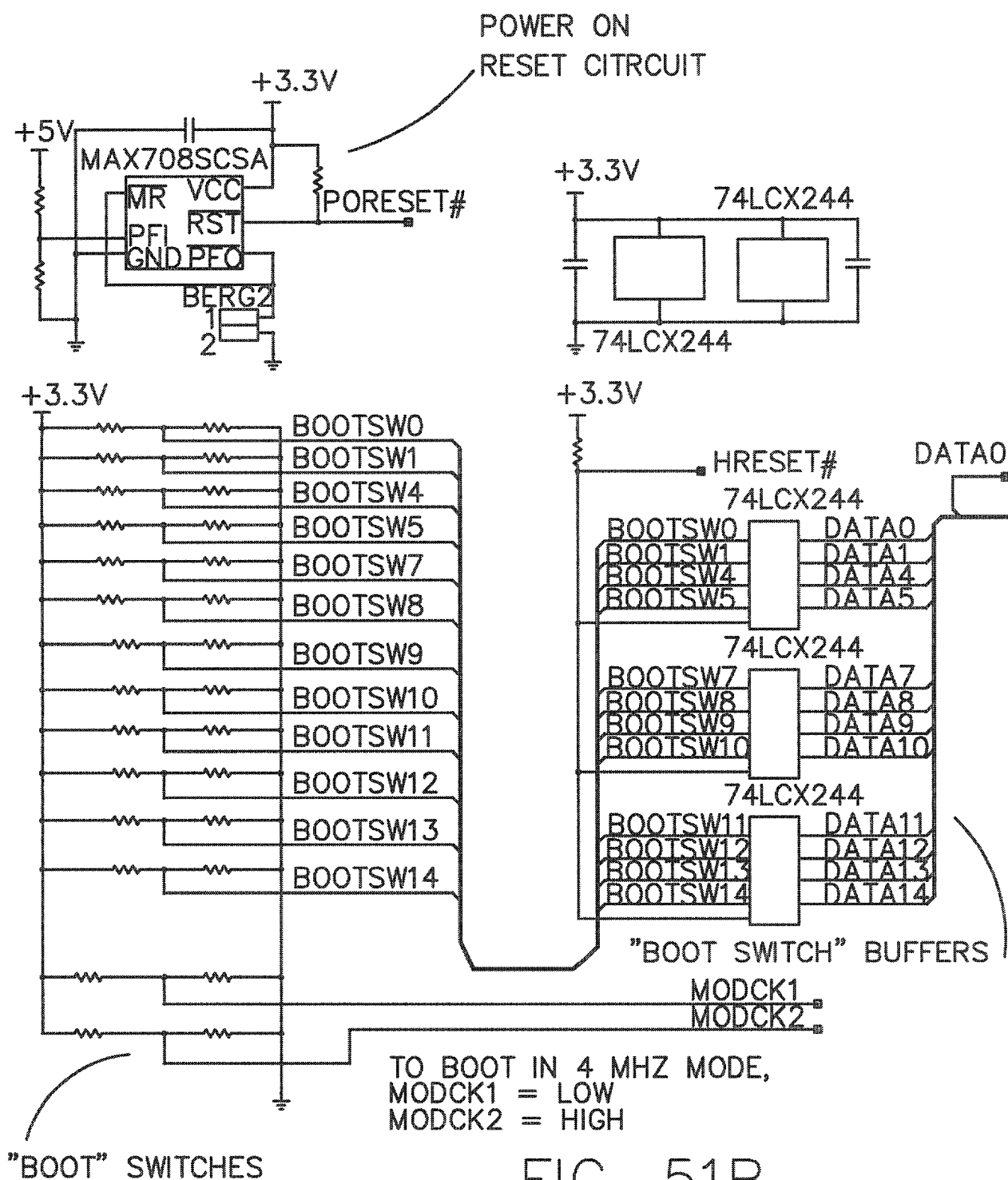


FIG. 51B



+

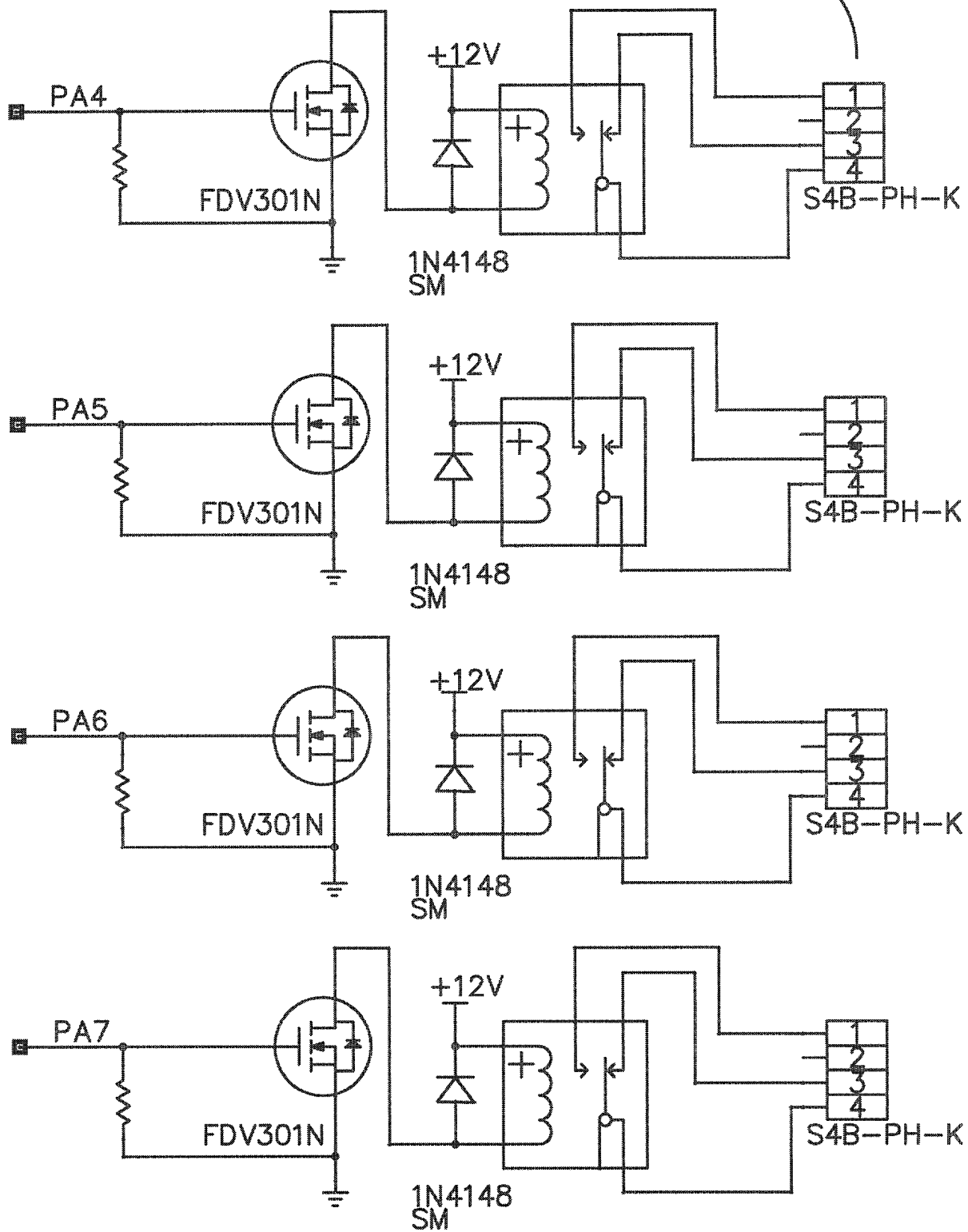
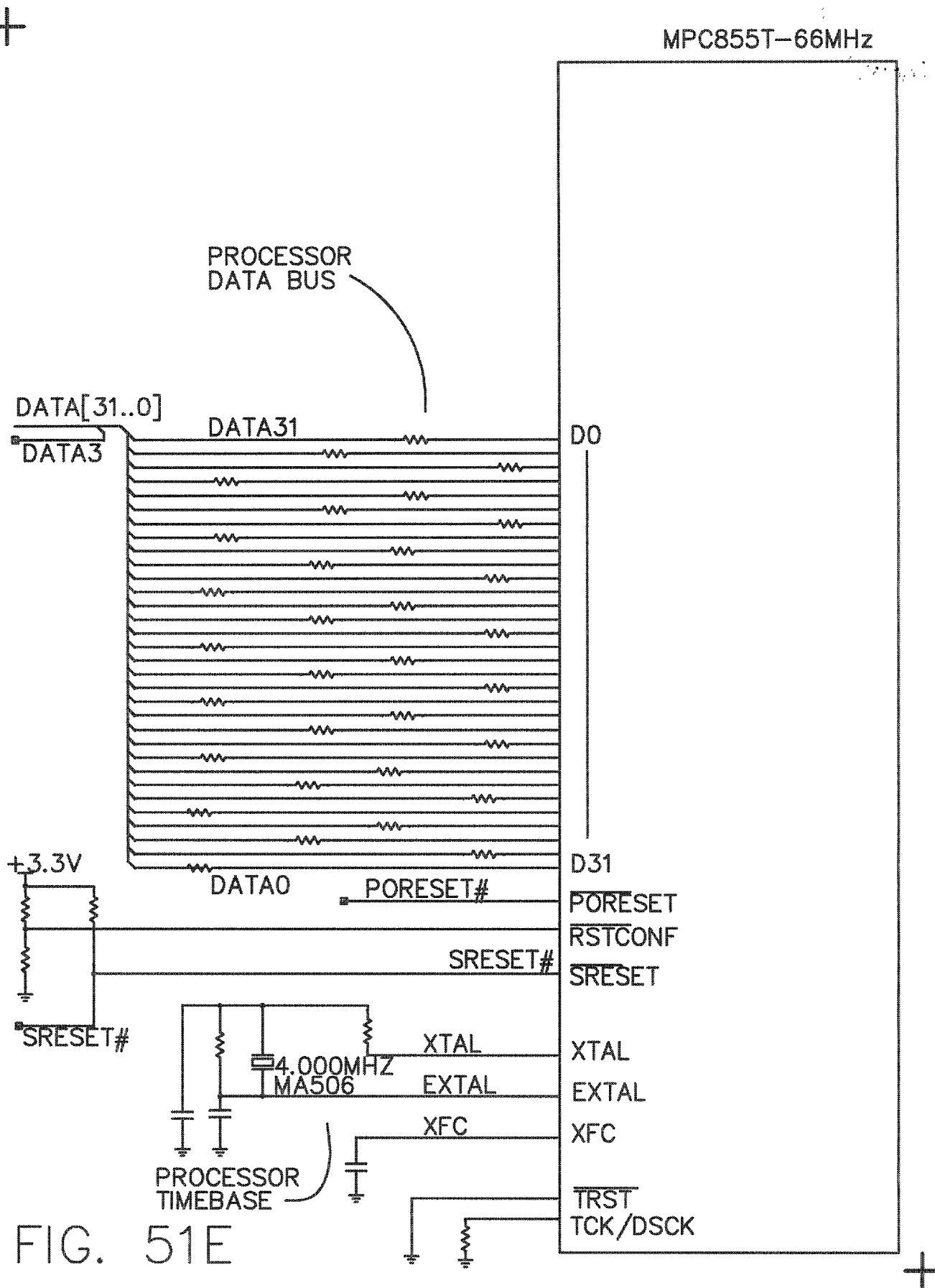
CONTACT CLOSURE OUTPUTS  
(4EA SPDT CHANNELS)

FIG. 51D+

2025 RELEASE UNDER E.O. 14176

0966130.010302





CONTROL PROCESSOR

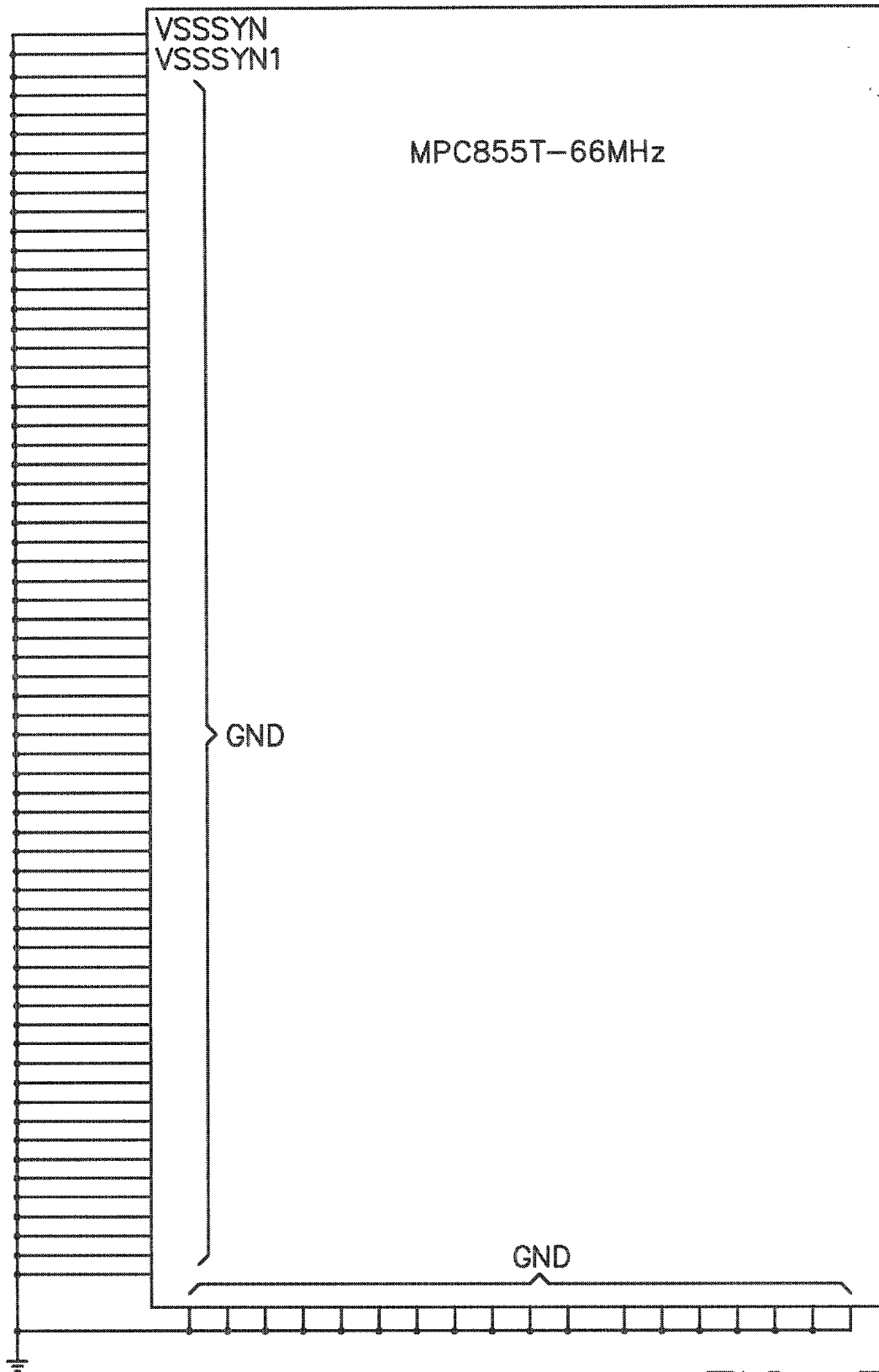


FIG. 51G

2030T0-0E199660

+

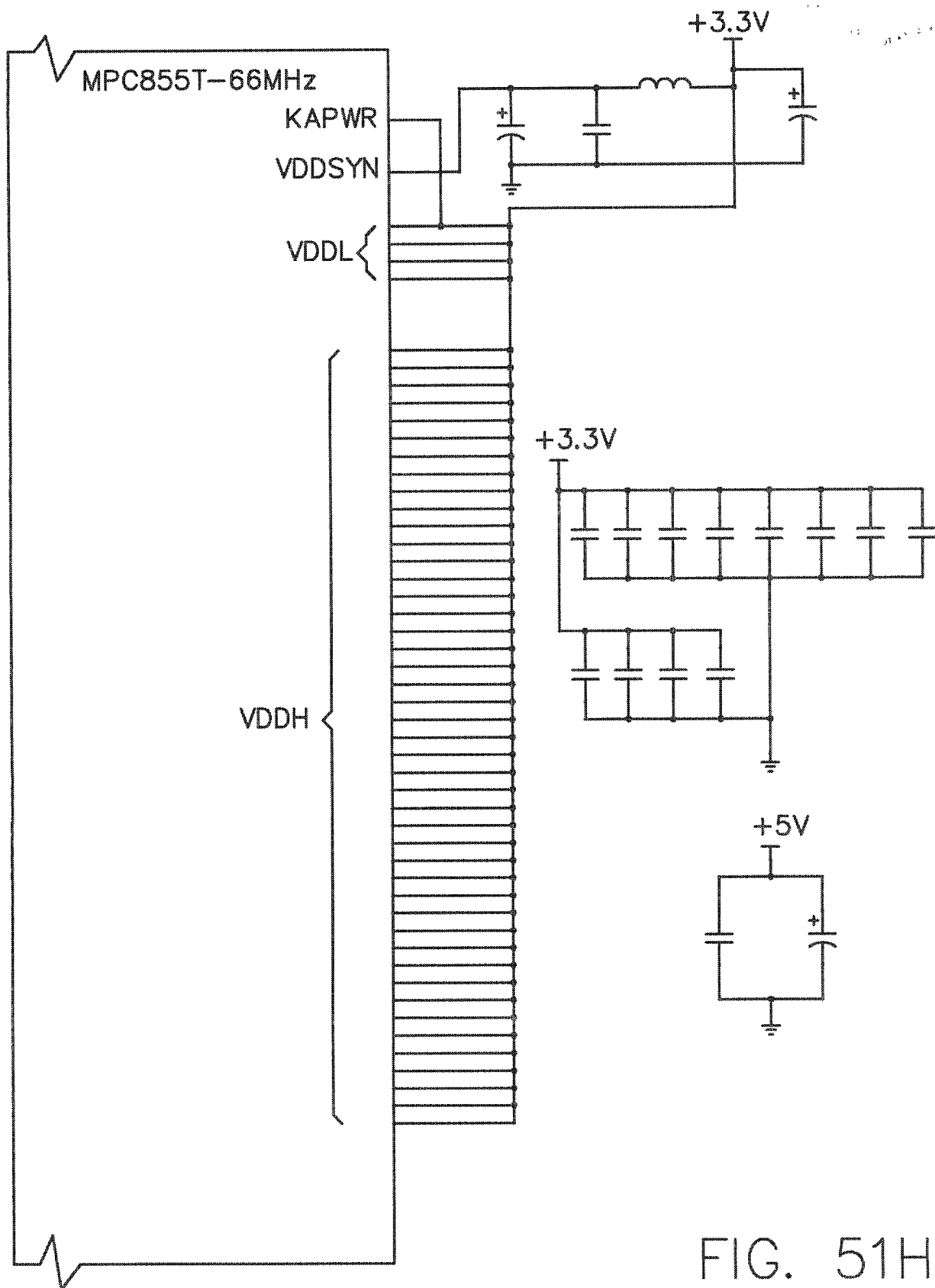


FIG. 51H

+



2020-07-09 10:00:00

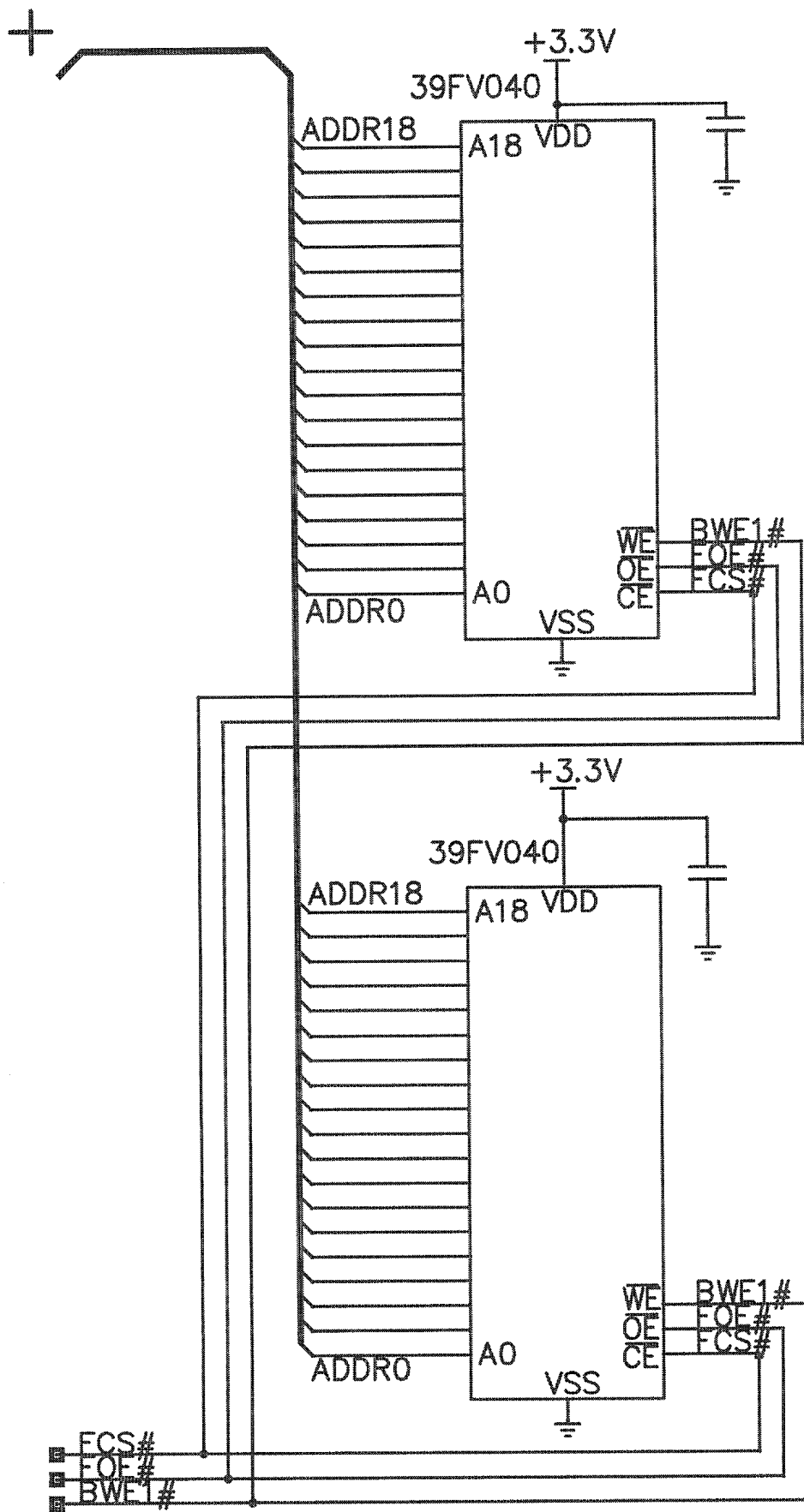


FIG. 51J<sub>+</sub>

+



# CONTROL MICROPROCESSOR

MPC855T-66MHz

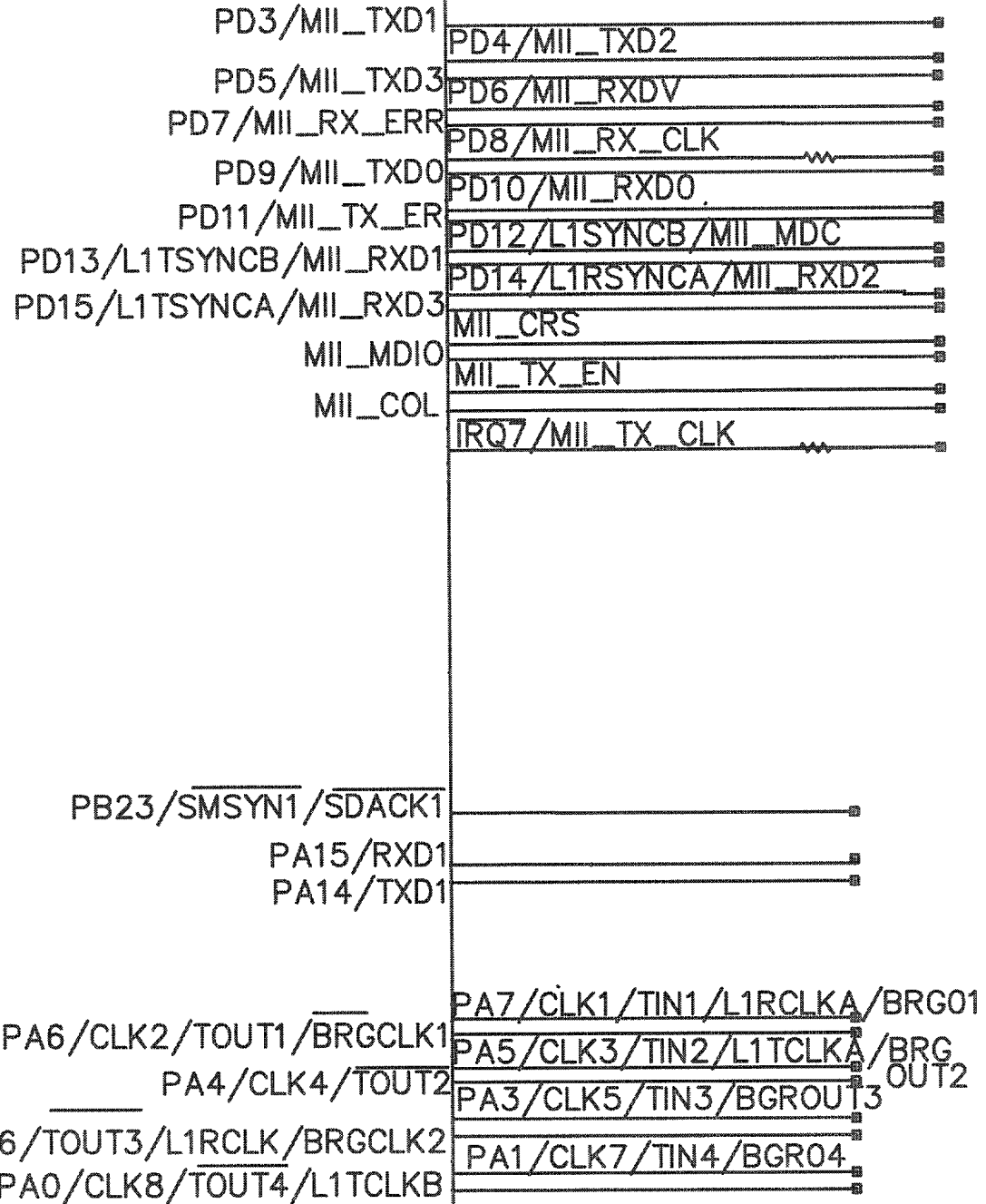


FIG. 51K +

208070 DET99660

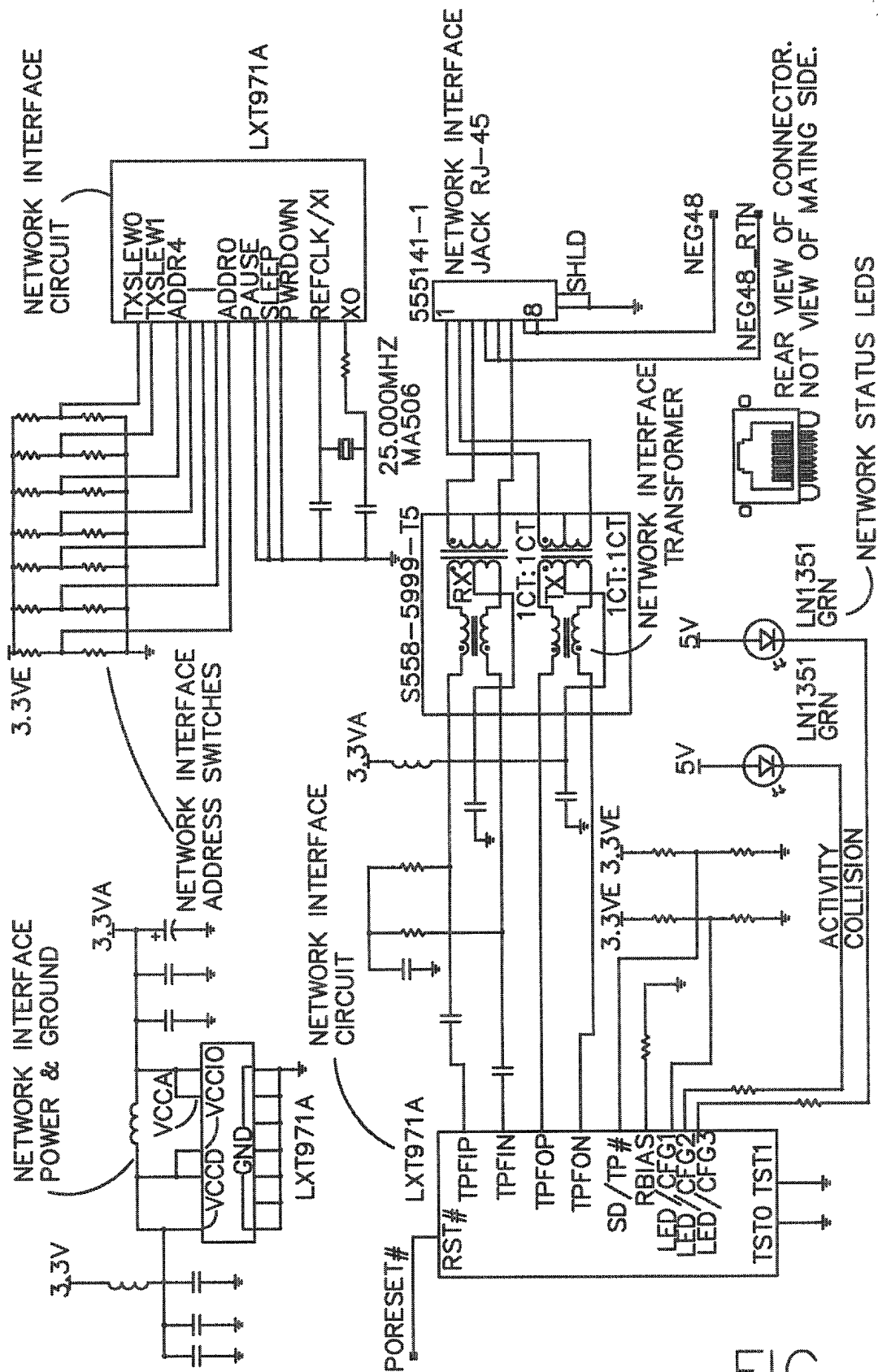
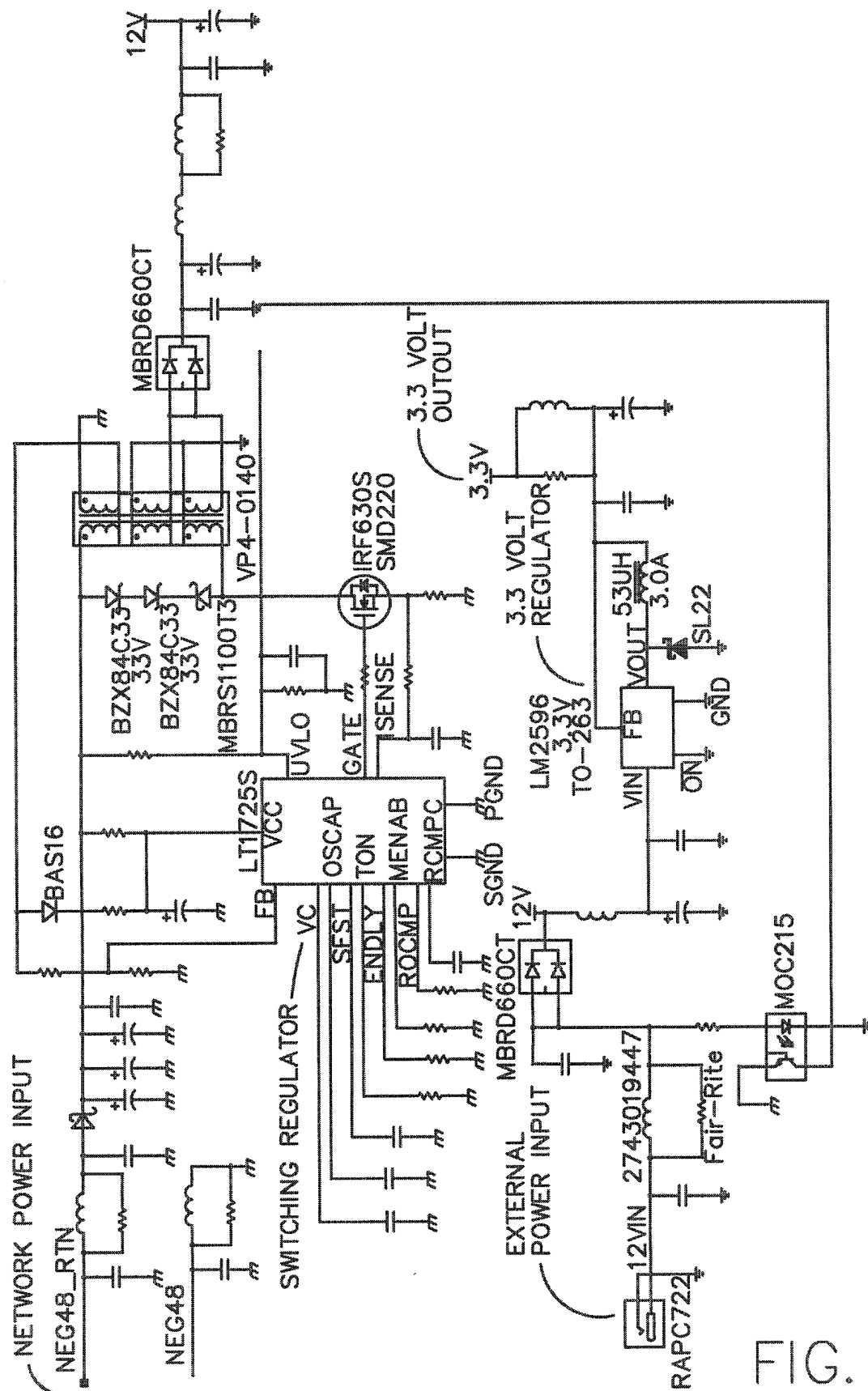
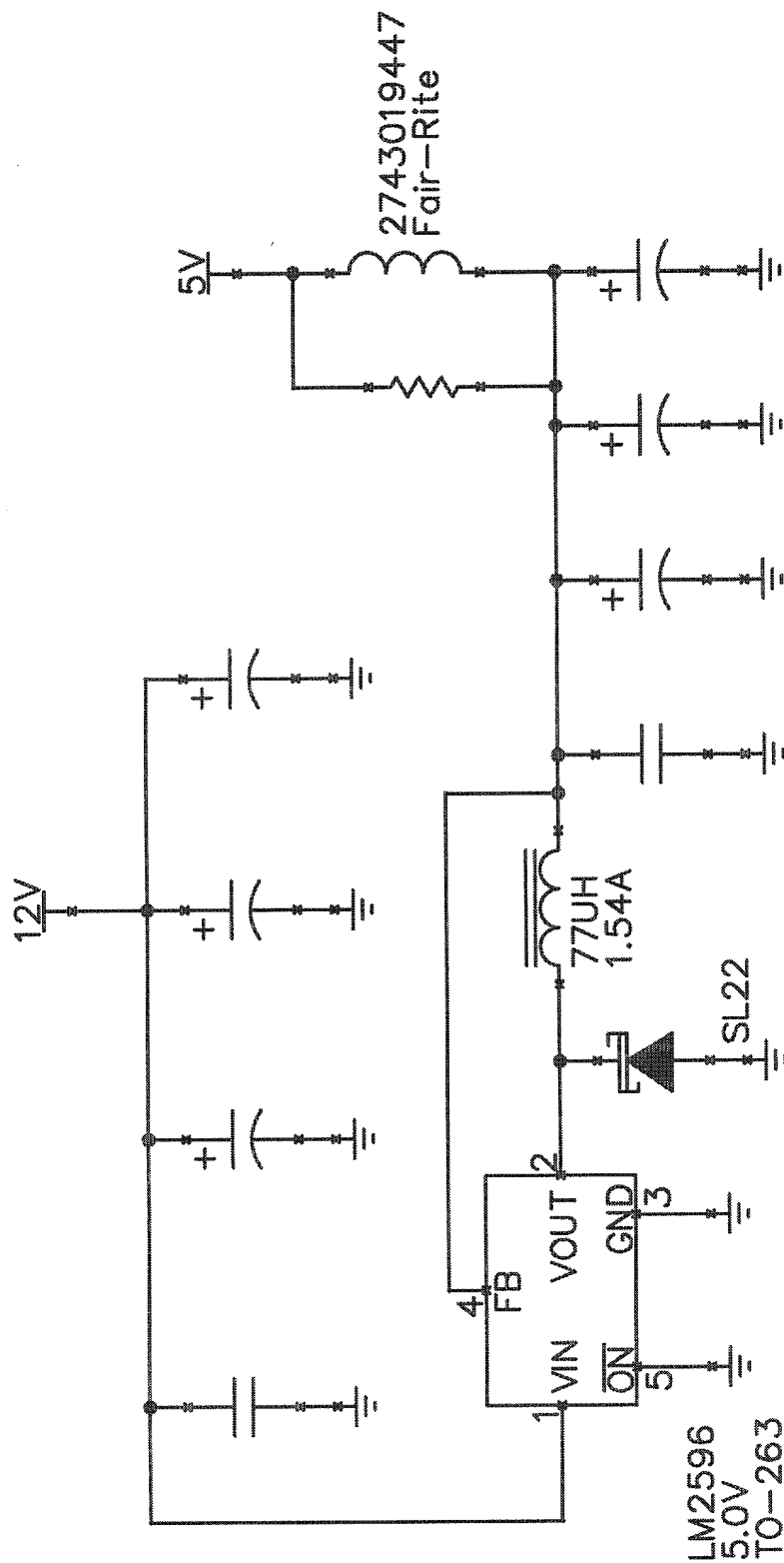


FIG. 51L

FIG. 51M<sub>+</sub>

+



5.0 V REG CIN  
 3 EACH OF NICHICON PARTS:  
 UUD1E270MCR1GS  
 UUD1V270MCR1GS  
 UUD1E330MCR1GS  
 UUD1V330MCR1GS  
 UUD1E470MCR1GS  
 UUD1V470MCR1GS

5.0 V REG COUT  
 1EA PANASONIC EEVFC2A680Q  
 3 EA NICHICON:  
 UUD1E270MCR1GS  
 UUD1V270MCR1GS  
 UUD1C330MCR1GS  
 UUD1E330MCR1GS  
 UUD1V330MCR1GS  
 UUD1A470MCR1GS

FIG. 51N

+

09956130-010802

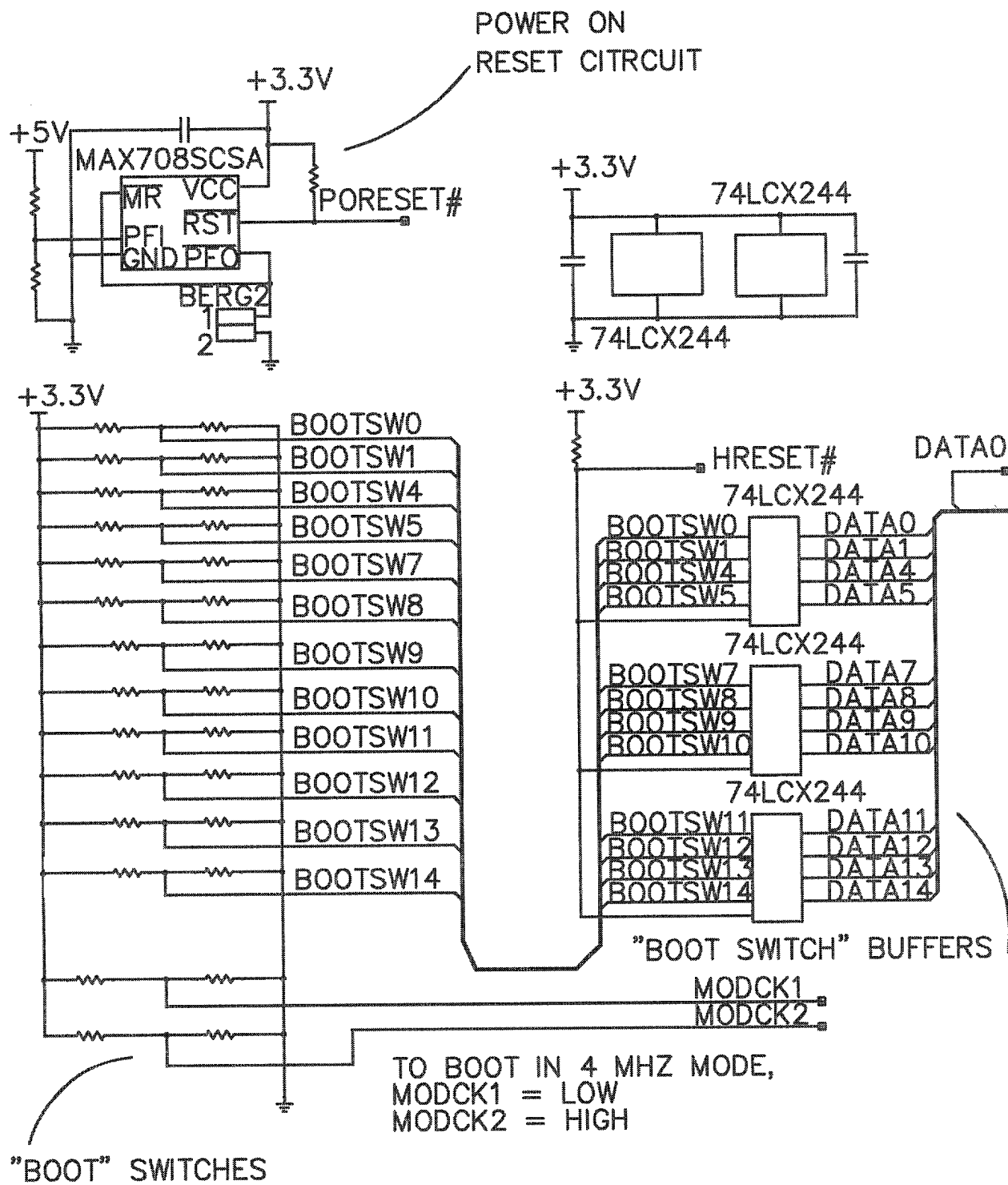


FIG. 510

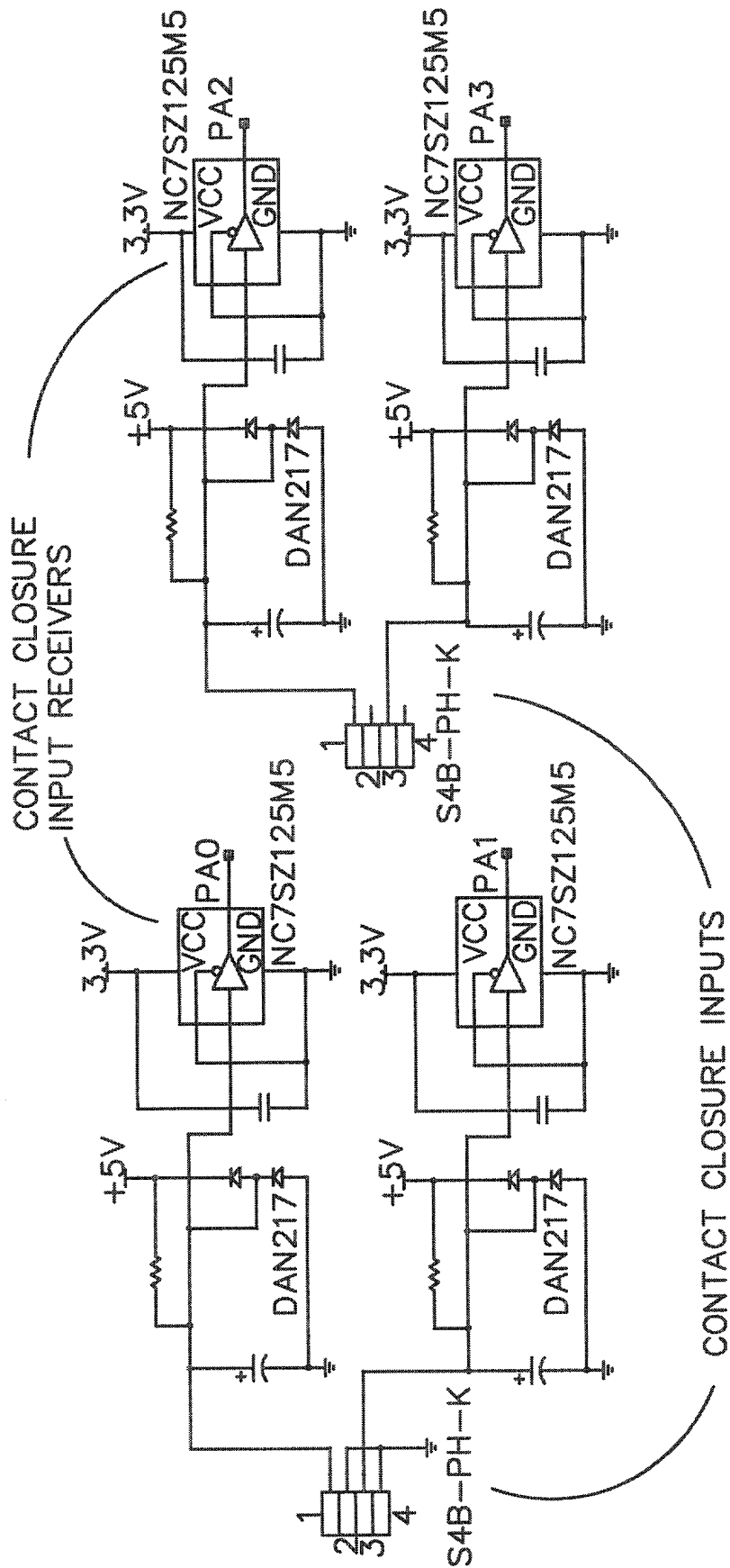


FIG. 51P

+

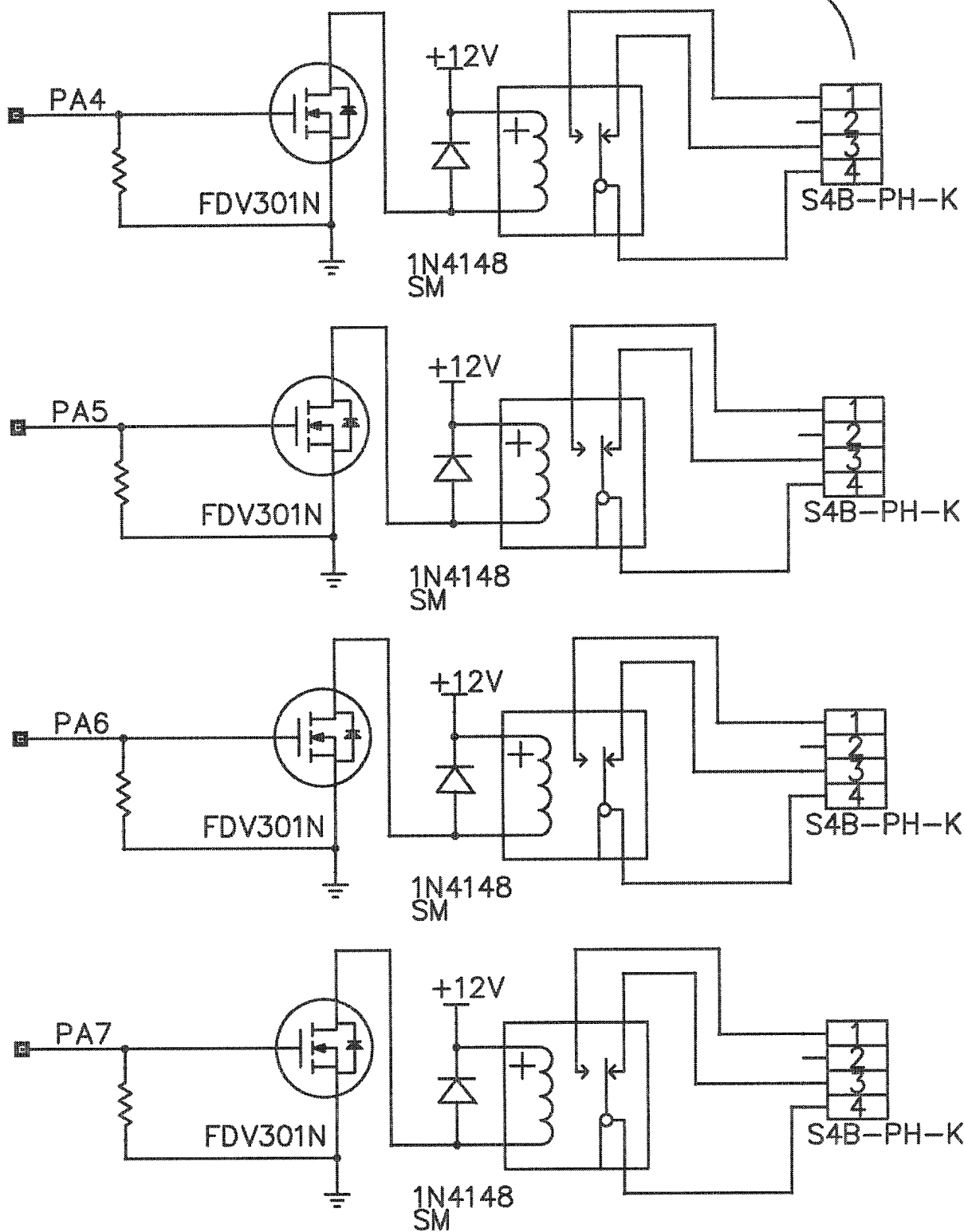
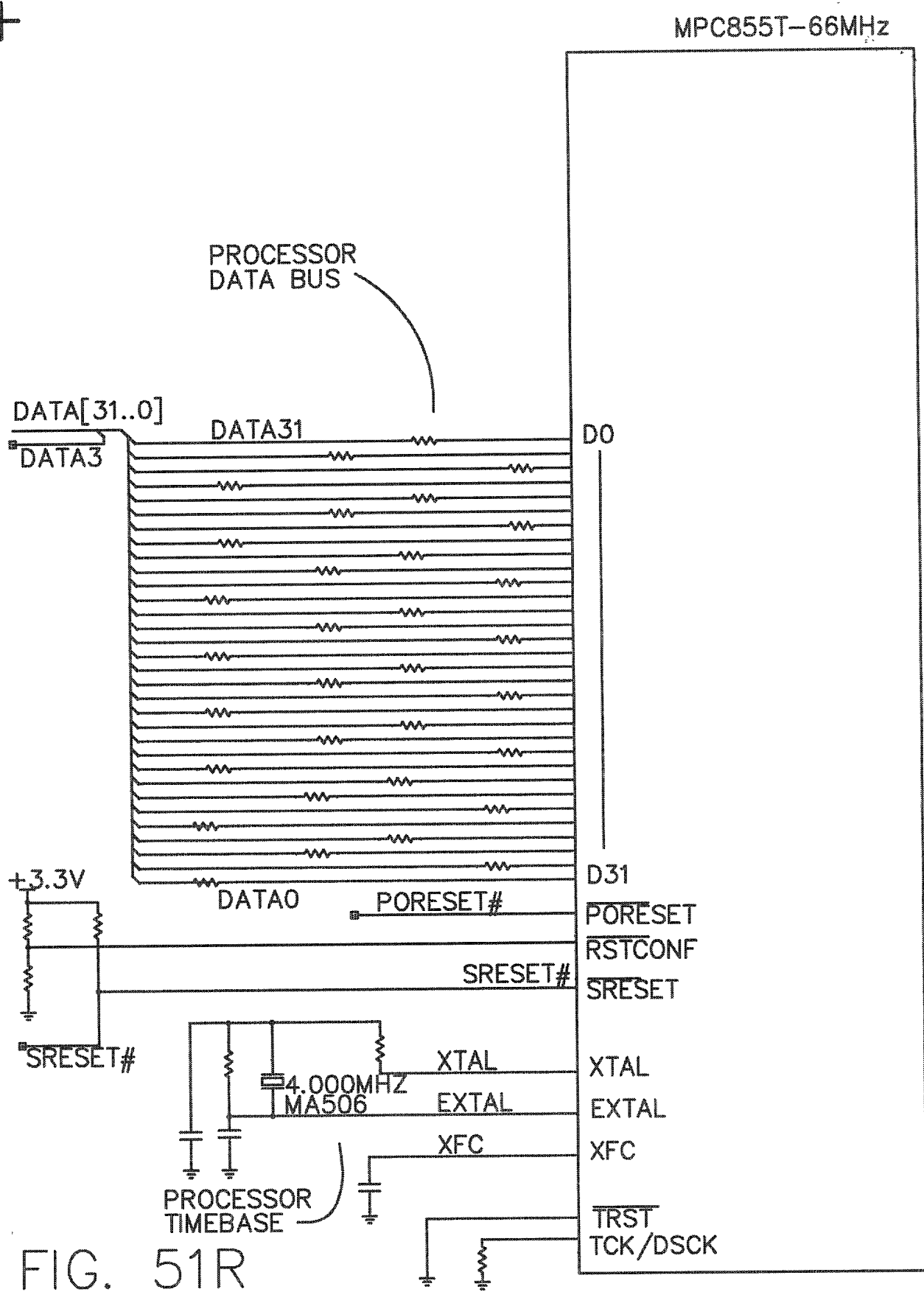
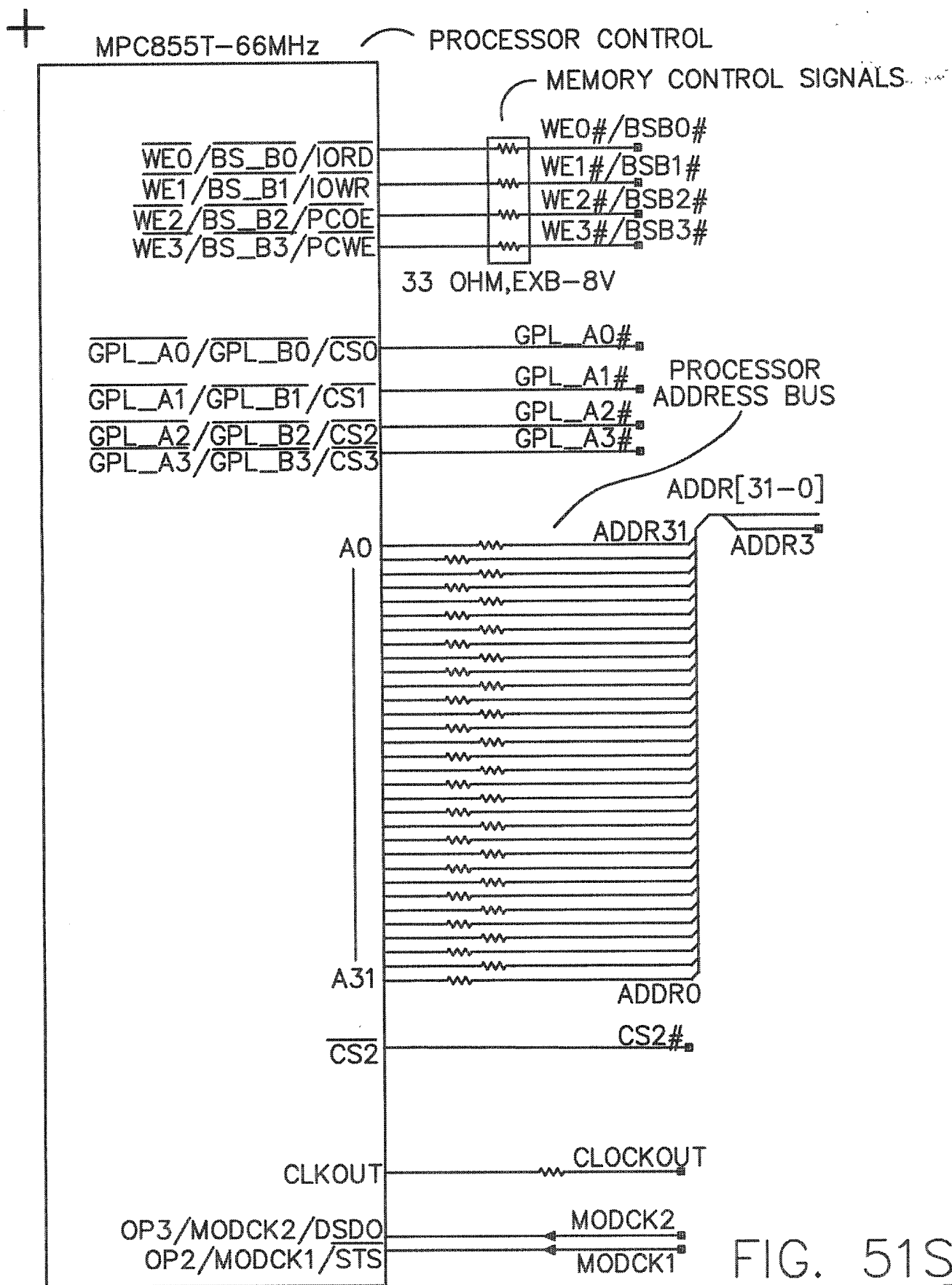
CONTACT CLOSURE OUTPUTS  
(4EA SPDT CHANNELS)

FIG. 51Q+

0955130 01087



20060130.010002



+

# PROCESSOR GROUND CIRCUITS

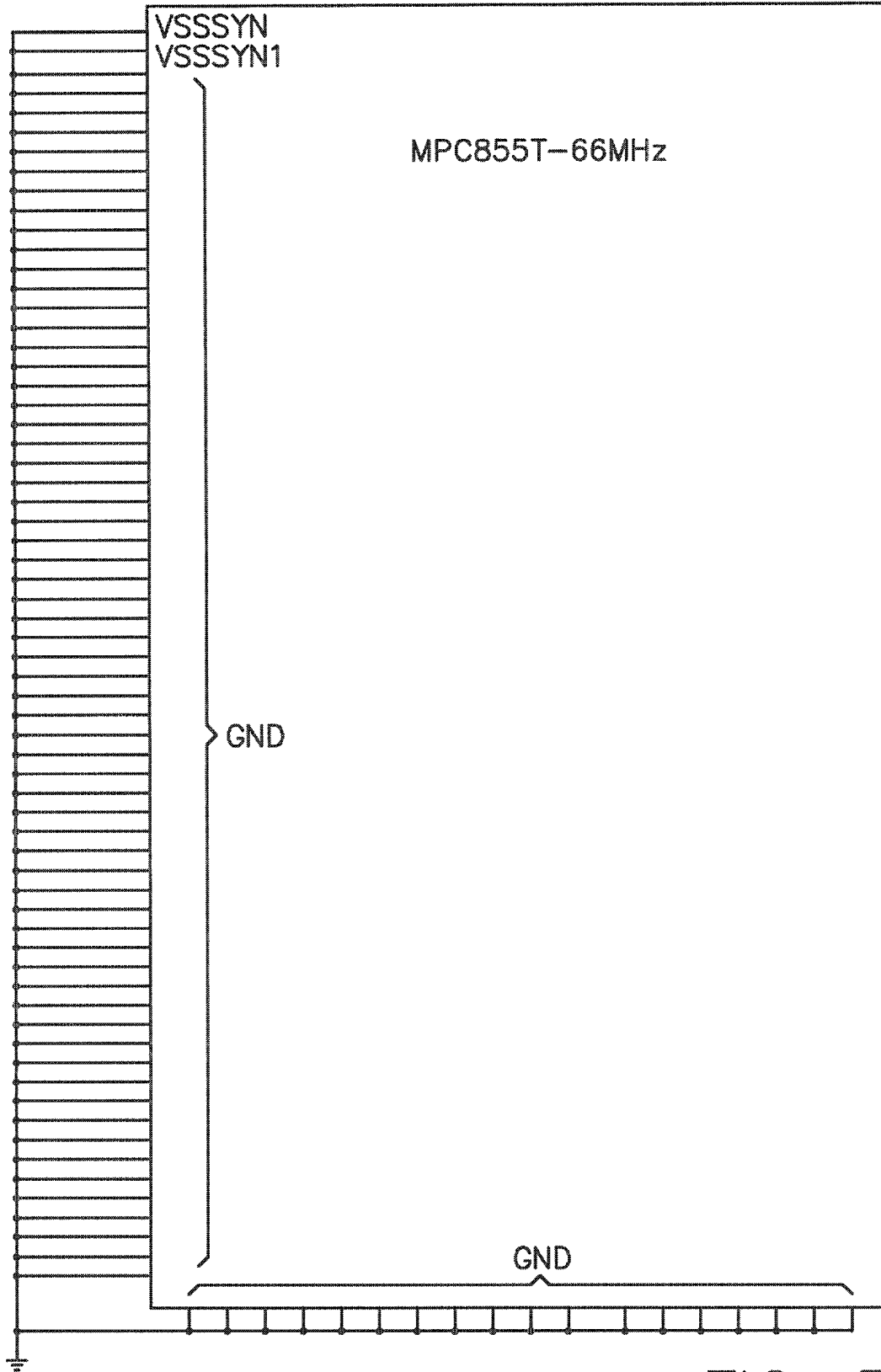


FIG. 51T+



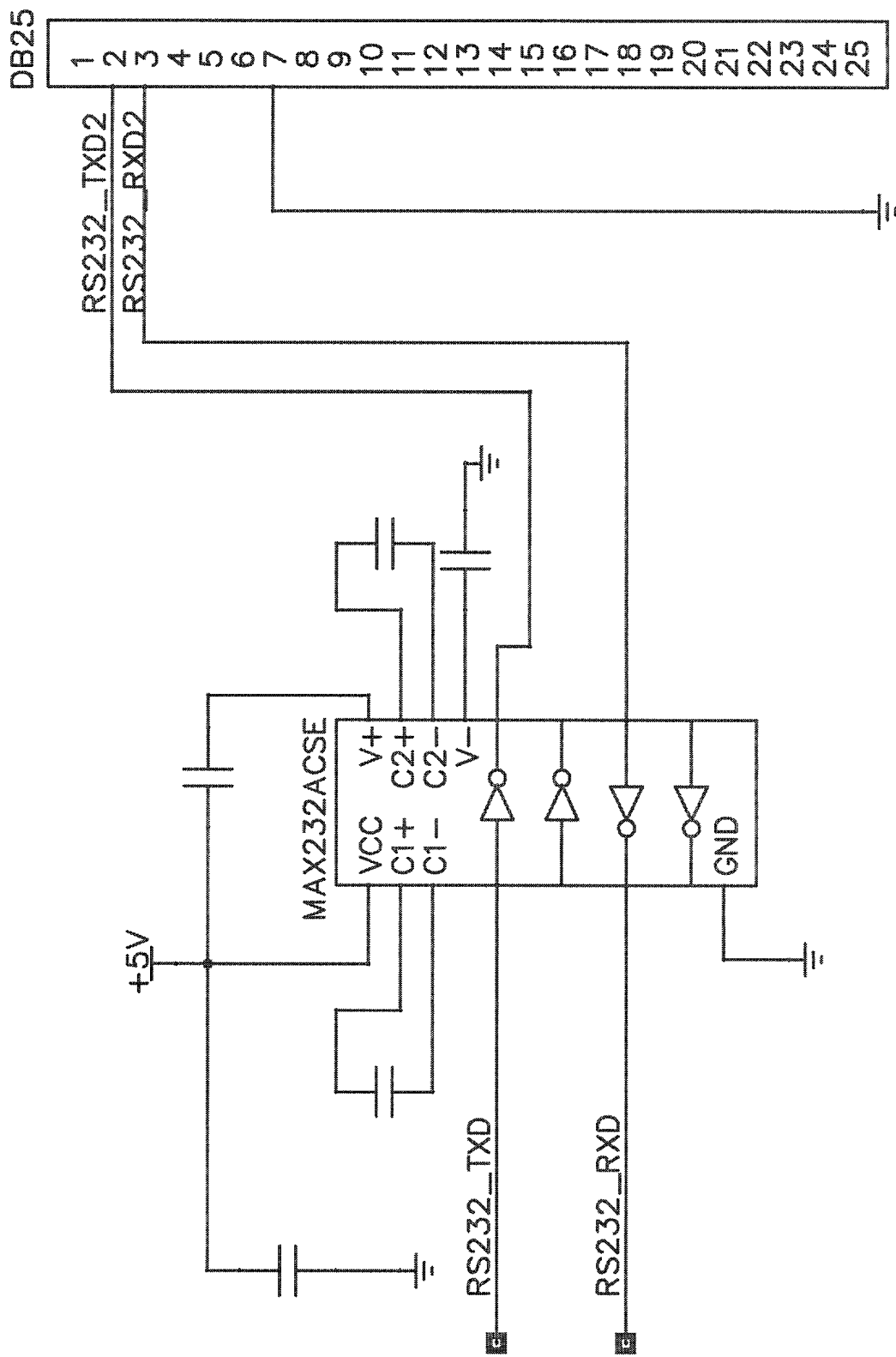
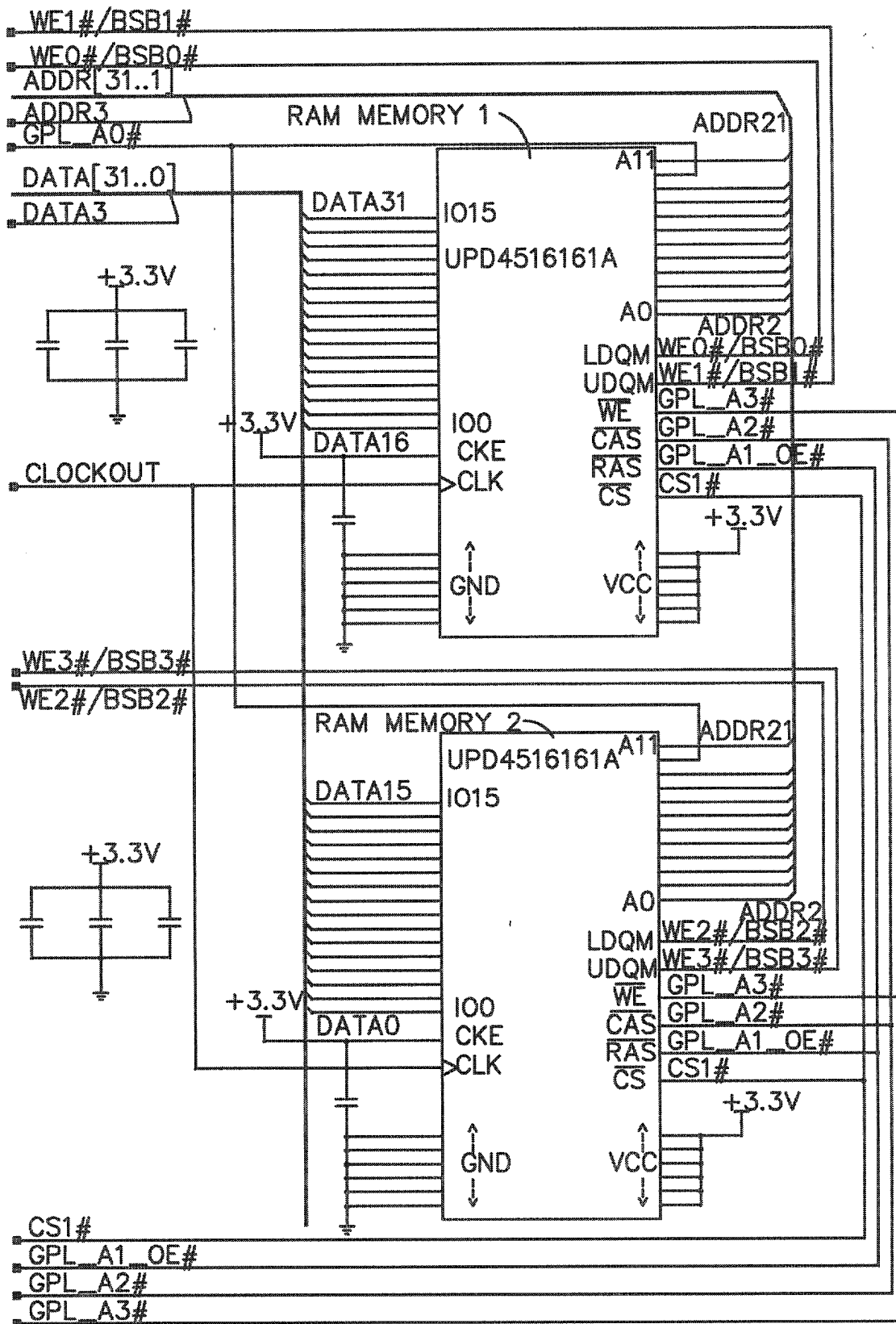


FIG. 51V +



0966130 010802

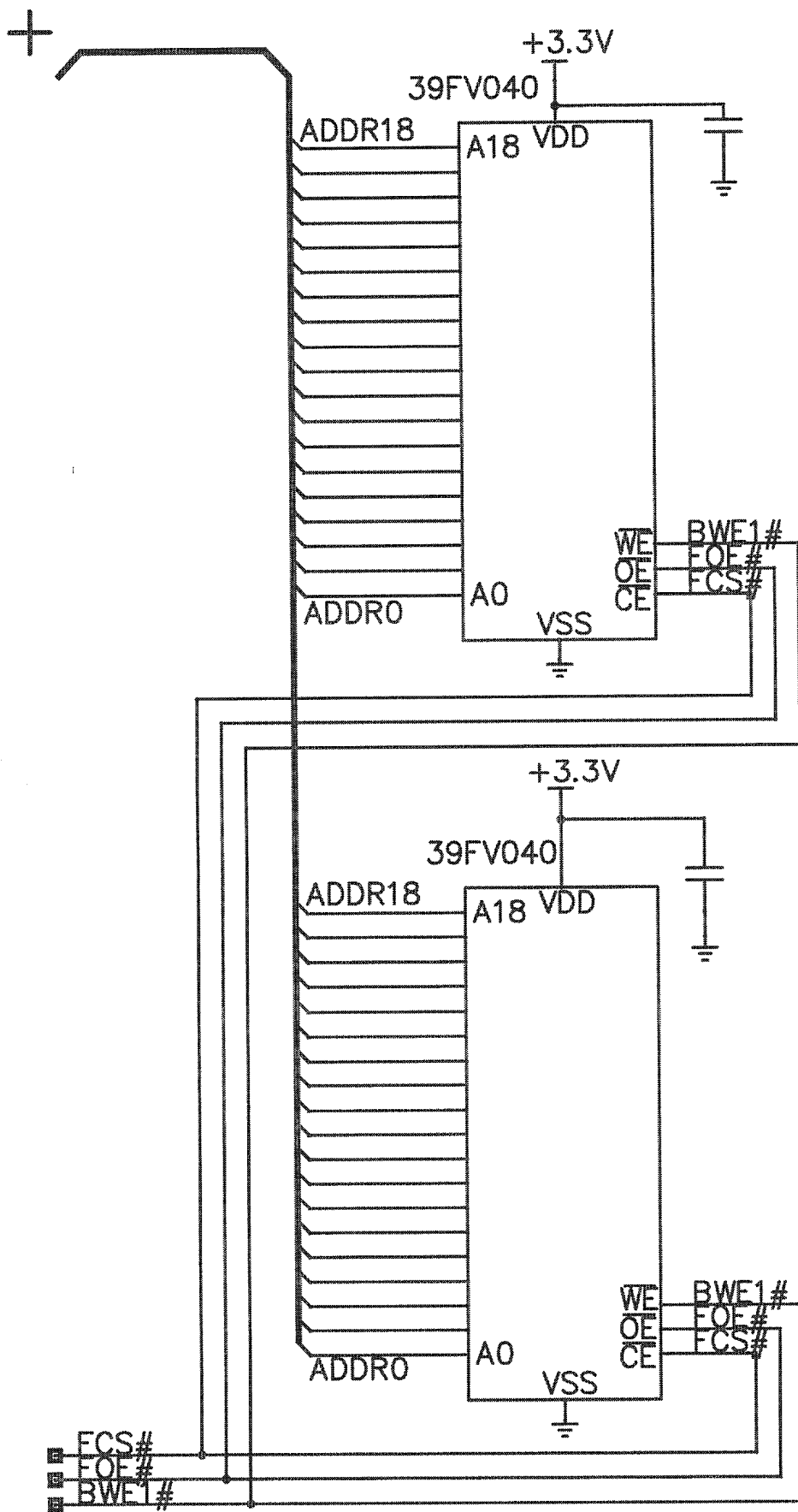


FIG. 51X

# THE UNIVERSITY OF CHICAGO



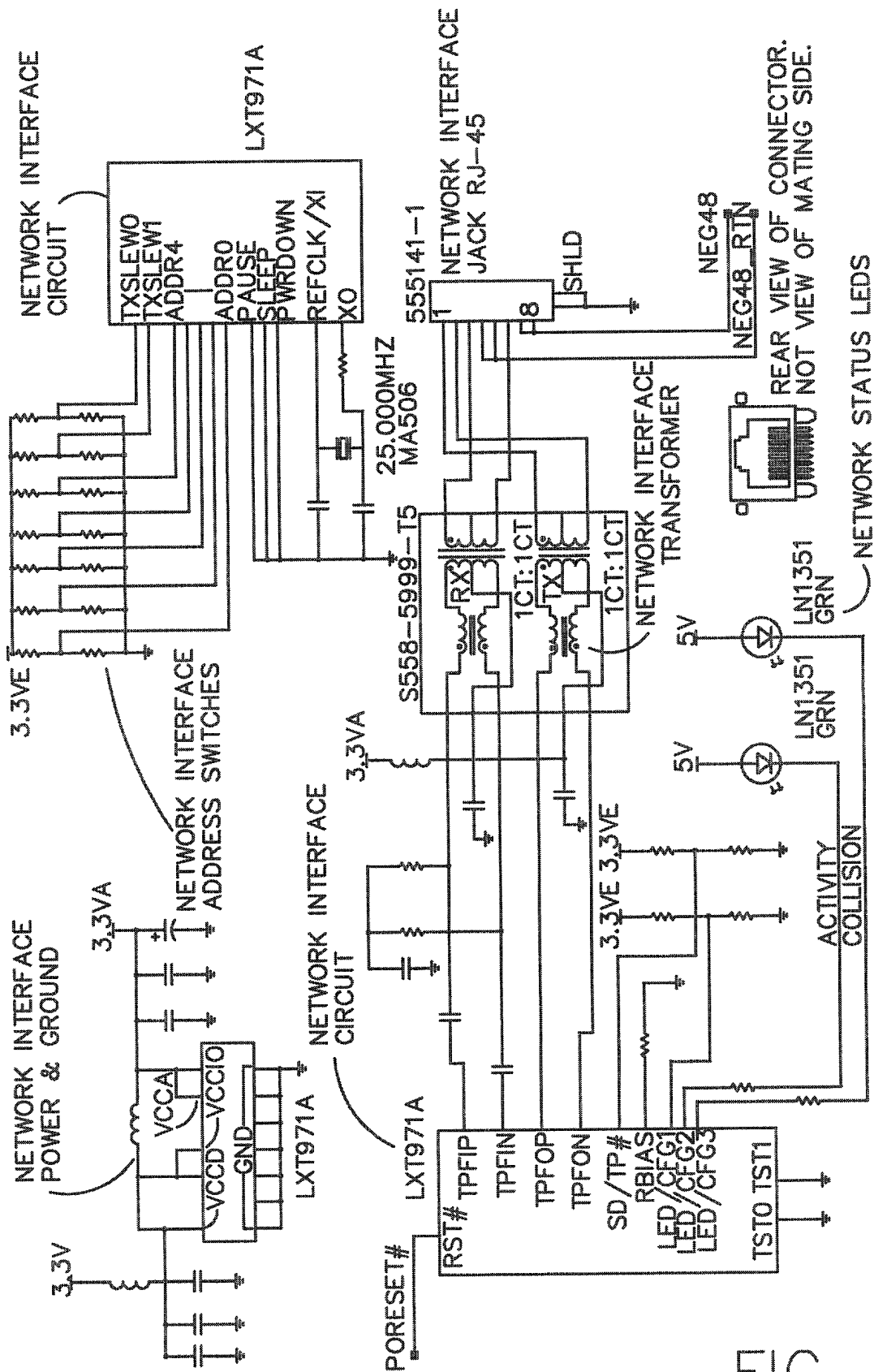
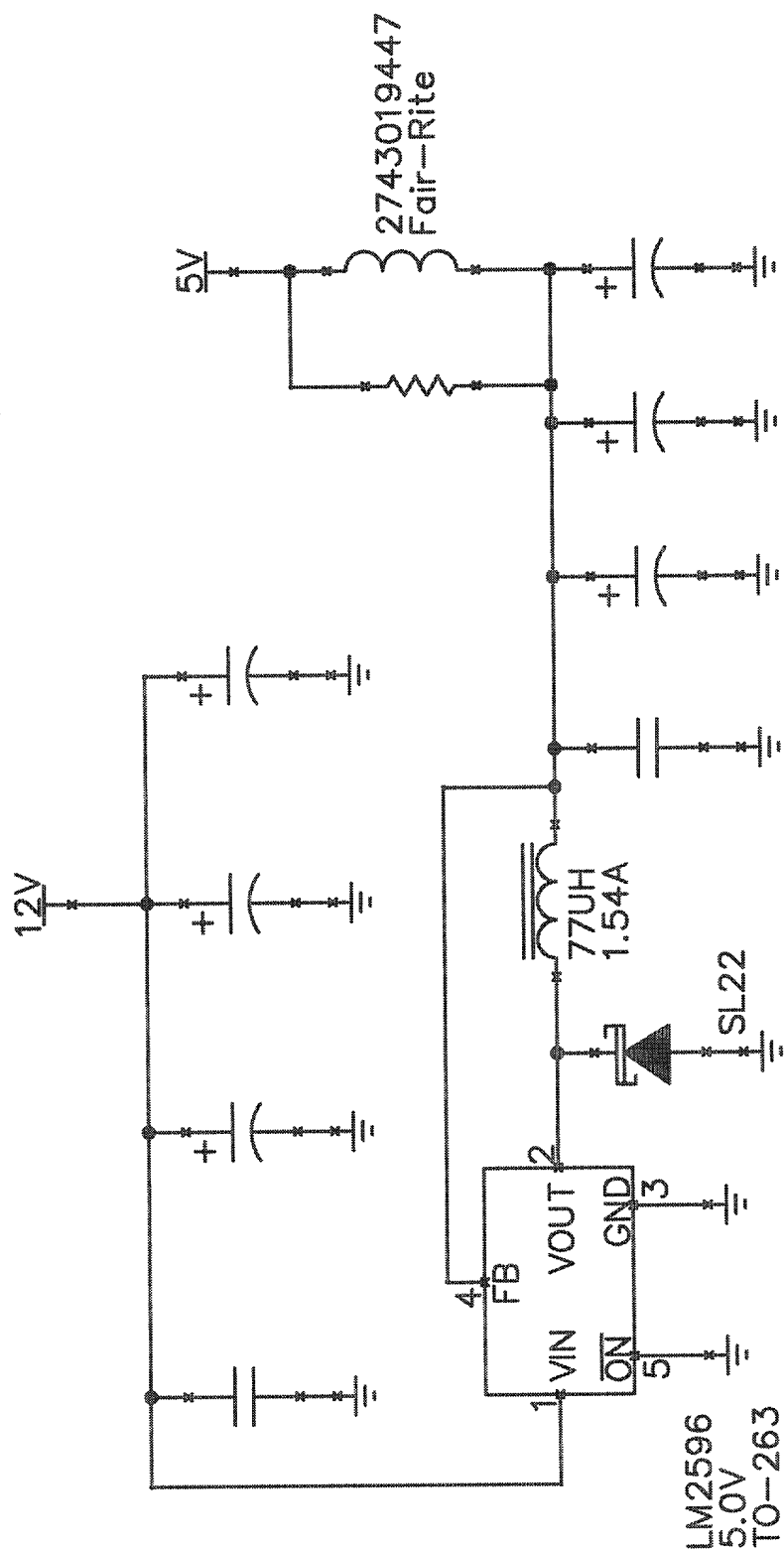


FIG. 51Z



+

+



5.0 V REG COUT  
 1EA PANASONIC EEVFC2A680Q  
 3 EA NICHICON:  
 UUD1E270MCR1GS  
 UUD1V270MCR1GS  
 UUD1C330MCR1GS  
 UUD1E330MCR1GS  
 UUD1V330MCR1GS  
 UUD1A470MCR1GS

5.0 V REG CIN  
 3 EACH OF NICHICON PARTS:  
 UUD1E270MCR1GS  
 UUD1V270MCR1GS  
 UUD1E330MCR1GS  
 UUD1V330MCR1GS  
 UUD1E470MCR1GS  
 UUD1V470MCR1GS

FIG. 51BB+